SAFETY DATA SHEET C-1 OBSIDIAN

1. Identification	
Product identifier	
Product name	C-1 OBSIDIAN
Product number	C-1 OBSIDIAN
Recommended use of the ch	emical and restrictions on use
Application	ceramic glaze
Details of the supplier of the	safety data sheet
Supplier	American Art Clay Co Inc 6060 Guion Road Indianapolis, IN 46254-1222 USA +1 317 244 6871
Emergency telephone number	
Emergency telephone	1 317 244 6871 Mon-Fri, 0900-1700 EST
2. Hazard(s) identification	
Classification of the substand	ce or mixture
Physical hazards	Not Classified
Health hazards	Not Classified
Environmental hazards	Not Classified
Label elements	
Hazard statements	NC Not Classified
Other hazards	
none present.	
3. Composition/information o	n ingredients
Mixtures Composition comments	Only ingredients listed above are notifiable for this product. If none are shown then all ingredients are exempt.,
4. First-aid measures	
Description of first aid measu	ires
Inhalation	Unlikely route of exposure as the product does not contain volatile substances.
Ingestion	Do not induce vomiting. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if any discomfort continues.
Skin Contact	Wash skin thoroughly with soap and water.
Eye contact	Rinse with water.
Most important symptoms an	d effects, both acute and delayed
Inhalation	Read Section 2 for any specific precautions associated with this product. In general, breathing any type of dust/mist can and may aggravate irritation of the throat and lungs.

Ingestion Read Section 2 for any specific precautions associated with the use of this product. Products with specific warnings about ingestion will give guidance there. Skin contact Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic glazes, clays and special products will tend to have a drying effect on the skin and may cause some sensitivity to users with sensitive skin. Eye contact Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic and special products contain materials that maybe abrasive to eyes. Keeping materials from contacting the eyes is prudent. If contact does occur, flush with clean water, do not rub. Indication of immediate medical attention and special treatment needed Notes for the doctor Treat symptomatically. 5.Fire-fighting measures Extinguishing media Suitable extinguishing media Use fire-extinguishing media suitable for the surrounding fire. Special hazards arising from the substance or mixture Specific hazards The product is not believed to present a hazard due to its physical nature. Advice for firefighters Special protective equipment Use protective equipment appropriate for surrounding materials. for firefighters 6. Accidental release measures Personal precautions, protective equipment and emergency procedures Personal precautions For personal protection, see Section 8. **Environmental precautions Environmental precautions** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers. Methods and material for containment and cleaning up Methods for cleaning up Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material. Reference to other sections For waste disposal, see Section 13. For personal protection, see Section 8. 7. Handling and storage Precautions for safe handling Usage precautions Read label before use. Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Conditions for safe storage, including any incompatibilities Store in tightly-closed, original container in a dry and cool place. Storage precautions Specific end uses(s) Specific end use(s) The identified uses for this product are detailed in Section 1.2. 8. Exposure Controls/personal protection

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Ingredient comments	Only ingredients listed n Section 3 are notifiable for this product. If none are shown then all ingredients are exempt.
Exposure controls	
Appropriate engineering controls	No specific ventilations requirements unless the "FAN" pictogram is shown above or specified in Section 2.
Eye/face protection	No specific eye protection required unless the "EYE PROTECTION" pictogram is shown above or specified in Section 2.
Hand protection	No specific hand protection required unless the "HAND PROTECTION" pictogram is shown above or specified in Section 2.
Hygiene measures	Using good personal hygiene practices is always appropriate. Keeping a clean work space, cleaning up properly when done, and not eating, drinking or smoking when using this product.
Respiratory protection	No specific respiratory protection required unless the "RESPIRATOR" pictogram is shown above or specified in Section 2. Using the appropriate certified protection for the operation is important if required.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance	Colored liquid.
Color	Various colors.
Odor	Almost odorless.
Odor threshold	No information available.
рН	6-8
Melting point	No information available.
Initial boiling point and range	No information available.
Flash point	No information available.
Evaporation rate	No information available.
Flammability (solid, gas)	No information available.
Upper/lower flammability or explosive limits	No information available.
Vapour pressure	No information available.
Relative density	Greater than 1.0
Solubility(ies)	Not applicable.
Partition coefficient	No information available.
Auto-ignition temperature	Not applicable.
Decomposition Temperature	No information available.
Viscosity	No information available.
Explosive properties	none
Oxidising properties	none
Other information	Not applicable.

10. Stability and reactivity	
Reactivity	There are no known reactivity hazards associated with this product.
Stability	No particular stability concerns.
Possibility of hazardous reactions	None known.
Conditions to avoid	None known.
Materials to avoid	None known.
Hazardous decomposition products	None known.
11. Toxicological information	
Information on toxicological eff	ects
Toxicological effects	Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any).
Skin corrosion/irritation	
Skin sensitization	
Skin sensitisation	Based on available data the classification criteria are not met.
Eye contact	May cause temporary eye irritation.
12. Ecological Information	
Ecotoxicity	Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.
Toxicity	
Toxicity	Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.
Persistence and degradability	
Persistence and degradability	No data available.
Biodegradation	Not inherently biodegradable.
Bioaccumulative potential	
Partition coefficient	No information available.
Mobility in soil	
Mobility	Semi-mobile.
Results of PBT and vPvB asse	essment
Results of PBT and vPvB assessment	This product does not contain any substances classified as PBT or vPvB.
Other adverse effects	

Other adverse effects	None known.
13. Disposal considerations	
Waste treatment methods	
General information	Dispose of waste product or used containers in accordance with local regulations When handling waste, the safety precautions applying to handling of the product should be considered.
14. Transport information	
General	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT).
UN Number	
Not applicable.	
UN proper shipping name	
Not applicable.	
Transport hazard class(es)	
No transport warning sign red	quired.
Packing group	
Not applicable.	
Environmental hazards	
Environmentally Hazardous S Please refer to Section 2 for please verify packaging and	Substance any environmental hazards associated with this product. If H411/H412 warnings are shown then labeling requirements for larger volumes.
Special precautions for user	
Not applicable.	
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	o Not applicable.
15. Regulatory information	
US State Regulations California Proposition 65 Ca None of the ingredients are I	rcinogens and Reproductive Toxins isted or exempt.
Inventories	
Canada - DSL/NDSL All the ingredients are listed	or exempt.
US - TSCA	
All the ingredients are listed	or exempt.
US - TSCA 12(b) Export Not All the ingredients are listed	
16. Other information	

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General information	The following are the top 5 materials by weight listed for New Jersey (if applicable):- Water 7732-18-5,Crystalline Silica14808-60-7, Non Lead Frit65997-18-4, Calcium Silicate13983-17- 0 Nepheline Syenite37244-96-5
Revision date	3/10/2016
Revision	2
Supersedes date	3/8/2016
SDS No.	4948

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

SAFETY DATA SHEET C-10 SNOW

1. Identification		
Product identifier		
Product name	C-10 SNOW	
Product number	C-10 SNOW	
Recommended use of the che	emical and restrictions on use	
Application	ceramic glaze	
Details of the supplier of the safety data sheet		
Supplier	American Art Clay Co Inc 6060 Guion Road Indianapolis, IN 46254-1222 USA +1 317 244 6871	
Emergency telephone number		
Emergency telephone	1 317 244 6871 Mon-Fri, 0900-1700 EST	
2. Hazard(s) identification		
Classification of the substanc	e or mixture	
Physical hazards	Not Classified	
Health hazards	Not Classified	
Environmental hazards	Not Classified	
Label elements		
Hazard statements	NC Not Classified	
Other hazards		
none present.		
3. Composition/information or	n ingredients	
<u>Mixtures</u> Composition comments	Only ingredients listed above are notifiable for this product. If none are shown then all ingredients are exempt.,	
4. First-aid measures		
Description of first aid measu	res	
Inhalation	Unlikely route of exposure as the product does not contain volatile substances.	
Ingestion	Do not induce vomiting. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if any discomfort continues.	
Skin Contact	Wash skin thoroughly with soap and water.	
Eye contact	Rinse with water.	
Most important symptoms and	d effects, both acute and delayed	
Inhalation	Read Section 2 for any specific precautions associated with this product. In general, breathing any type of dust/mist can and may aggravate irritation of the throat and lungs.	

Ingestion Read Section 2 for any specific precautions associated with the use of this product. Products with specific warnings about ingestion will give guidance there. Skin contact Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic glazes, clays and special products will tend to have a drying effect on the skin and may cause some sensitivity to users with sensitive skin. Eye contact Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic and special products contain materials that maybe abrasive to eyes. Keeping materials from contacting the eyes is prudent. If contact does occur, flush with clean water, do not rub. Indication of immediate medical attention and special treatment needed Notes for the doctor Treat symptomatically. 5.Fire-fighting measures Extinguishing media Suitable extinguishing media Use fire-extinguishing media suitable for the surrounding fire. Special hazards arising from the substance or mixture Specific hazards The product is not believed to present a hazard due to its physical nature. Advice for firefighters Special protective equipment Use protective equipment appropriate for surrounding materials. for firefighters 6. Accidental release measures Personal precautions, protective equipment and emergency procedures Personal precautions For personal protection, see Section 8. **Environmental precautions Environmental precautions** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers. Methods and material for containment and cleaning up Methods for cleaning up Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material. Reference to other sections For waste disposal, see Section 13. For personal protection, see Section 8. 7. Handling and storage Precautions for safe handling Usage precautions Read label before use. Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Conditions for safe storage, including any incompatibilities Store in tightly-closed, original container in a dry and cool place. Storage precautions Specific end uses(s) Specific end use(s) The identified uses for this product are detailed in Section 1.2. 8. Exposure Controls/personal protection

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Ingredient comments	Only ingredients listed n Section 3 are notifiable for this product. If none are shown then all ingredients are exempt.
Exposure controls	
Appropriate engineering controls	No specific ventilations requirements unless the "FAN" pictogram is shown above or specified in Section 2.
Eye/face protection	No specific eye protection required unless the "EYE PROTECTION" pictogram is shown above or specified in Section 2.
Hand protection	No specific hand protection required unless the "HAND PROTECTION" pictogram is shown above or specified in Section 2.
Hygiene measures	Using good personal hygiene practices is always appropriate. Keeping a clean work space, cleaning up properly when done, and not eating, drinking or smoking when using this product.
Respiratory protection	No specific respiratory protection required unless the "RESPIRATOR" pictogram is shown above or specified in Section 2. Using the appropriate certified protection for the operation is important if required.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance	Colored liquid.
Color	Various colors.
Odor	Almost odorless.
Odor threshold	No information available.
pН	6-8
Melting point	No information available.
Initial boiling point and range	No information available.
Flash point	No information available.
Evaporation rate	No information available.
Flammability (solid, gas)	No information available.
Upper/lower flammability or explosive limits	No information available.
Vapour pressure	No information available.
Relative density	Greater than 1.0
Solubility(ies)	Not applicable.
Partition coefficient	No information available.
Auto-ignition temperature	Not applicable.
Decomposition Temperature	No information available.
Viscosity	No information available.
Explosive properties	none
Oxidising properties	none
Other information	Not applicable.

10. Stability and reactivity	
Reactivity	There are no known reactivity hazards associated with this product.
Stability	No particular stability concerns.
Possibility of hazardous reactions	None known.
Conditions to avoid	None known.
Materials to avoid	None known.
Hazardous decomposition products	None known.
11. Toxicological information	
Information on toxicological eff	ects
Toxicological effects	Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any).
Skin corrosion/irritation	
Skin sensitization	
Skin sensitisation	Based on available data the classification criteria are not met.
Eye contact	May cause temporary eye irritation.
12. Ecological Information	
Ecotoxicity	Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.
Toxicity	
Toxicity	Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.
Persistence and degradability	
Persistence and degradability	No data available.
Biodegradation	Not inherently biodegradable.
Bioaccumulative potential	
Partition coefficient	No information available.
Mobility in soil	
Mobility	Semi-mobile.
Results of PBT and vPvB asse	essment
Results of PBT and vPvB assessment	This product does not contain any substances classified as PBT or vPvB.
Other adverse effects	

Other adverse effects	None known.
13. Disposal considerations	
Waste treatment methods	
General information	Dispose of waste product or used containers in accordance with local regulations When handling waste, the safety precautions applying to handling of the product should be considered.
14. Transport information	
General	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT).
UN Number	
Not applicable.	
UN proper shipping name	
Not applicable.	
Transport hazard class(es)	
No transport warning sign requ	uired.
Packing group	
Not applicable.	
Environmental hazards	
Environmentally Hazardous So Please refer to Section 2 for a please verify packaging and la	ubstance ny environmental hazards associated with this product. If H411/H412 warnings are shown then beling requirements for larger volumes.
Special precautions for user	
Not applicable.	
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.
15. Regulatory information	
US State Regulations California Proposition 65 Caro None of the ingredients are lis	Sinogens and Reproductive Toxins Sted or exempt.
Inventories	
Canada - DSL/NDSL All the ingredients are listed o	r exempt.
US - TSCA	
All the ingredients are listed o	r exempt.
US - TSCA 12(b) Export Notif All the ingredients are listed o	
16. Other information	

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General information	The following are the top 5 materials by weight listed for New Jersey (if applicable):- Water 7732-18-5,Crystalline Silica14808-60-7, Non Lead Frit65997-18-4, Calcium Silicate13983-17- 0 Nepheline Syenite37244-96-5
Revision date	3/10/2016
Revision	2
Supersedes date	3/8/2016
SDS No.	4949

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

SAFETY DATA SHEET C-20 COBALT

1. Identification		
Product identifier		
Product name	C-20 COBALT	
Product number	C-20 COBALT	
Recommended use of the ch	nemical and restrictions on use	
Application	ceramic glaze	
Details of the supplier of the safety data sheet		
Supplier	American Art Clay Co Inc 6060 Guion Road Indianapolis, IN 46254-1222 USA +1 317 244 6871	
Emergency telephone number	er	
Emergency telephone	1 317 244 6871 Mon-Fri, 0900-1700 EST	
2. Hazard(s) identification		
Classification of the substand	ce or mixture	
Physical hazards	Not Classified	
Health hazards	Not Classified	
Environmental hazards	Not Classified	
Label elements		
Hazard statements	NC Not Classified	
Other hazards		
none present.		
3. Composition/information o	on ingredients	
Mixtures Composition comments	Only ingredients listed above are notifiable for this product. If none are shown then all ingredients are exempt.,	
4. First-aid measures		
Description of first aid measu	ures	
Inhalation	Unlikely route of exposure as the product does not contain volatile substances.	
Ingestion	Do not induce vomiting. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if any discomfort continues.	
Skin Contact	Wash skin thoroughly with soap and water.	
Eye contact	Rinse with water.	
Most important symptoms ar	nd effects, both acute and delayed	
Inhalation	Read Section 2 for any specific precautions associated with this product. In general, breathing any type of dust/mist can and may aggravate irritation of the throat and lungs.	

C-20 COBALT

Ingestion	Read Section 2 for any specific precautions associated with the use of this product. Products with specific warnings about ingestion will give guidance there.		
Skin contact	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic glazes, clays and special products will tend to have a drying effect on the skin and may cause some sensitivity to users with sensitive skin.		
Eye contact	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic and special products contain materials that maybe abrasive to eyes. Keeping materials from contacting the eyes is prudent. If contact does occur, flush with clean water, do not rub.		
Indication of immediate medic	Indication of immediate medical attention and special treatment needed		
Notes for the doctor	Treat symptomatically.		
5.Fire-fighting measures			
Extinguishing media			
Suitable extinguishing media	Use fire-extinguishing media suitable for the surrounding fire.		
Special hazards arising from the	he substance or mixture		
Specific hazards	The product is not believed to present a hazard due to its physical nature.		
Advice for firefighters			
Special protective equipment for firefighters	Use protective equipment appropriate for surrounding materials.		
6. Accidental release measure	18		
Personal precautions, protectiv	ve equipment and emergency procedures		
Personal precautions	For personal protection, see Section 8.		
Environmental precautions			
Environmental precautions	Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.		
Methods and material for cont	ainment and cleaning up		
Methods for cleaning up	Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material.		
Reference to other sections	For waste disposal, see Section 13. For personal protection, see Section 8.		
7. Handling and storage			
Precautions for safe handling			
Usage precautions	Read label before use. Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.		
Conditions for safe storage, in	cluding any incompatibilities		
Storage precautions	Store in tightly-closed, original container in a dry and cool place.		
Specific end uses(s)			
Specific end use(s)	The identified uses for this product are detailed in Section 1.2.		
8. Exposure Controls/personal	I protection		

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C-20 COBALT

Ingredient comments	Only ingredients listed n Section 3 are notifiable for this product. If none are shown then all ingredients are exempt.
Exposure controls	
Appropriate engineering controls	No specific ventilations requirements unless the "FAN" pictogram is shown above or specified in Section 2.
Eye/face protection	No specific eye protection required unless the "EYE PROTECTION" pictogram is shown above or specified in Section 2.
Hand protection	No specific hand protection required unless the "HAND PROTECTION" pictogram is shown above or specified in Section 2.
Hygiene measures	Using good personal hygiene practices is always appropriate. Keeping a clean work space, cleaning up properly when done, and not eating, drinking or smoking when using this product.
Respiratory protection	No specific respiratory protection required unless the "RESPIRATOR" pictogram is shown above or specified in Section 2. Using the appropriate certified protection for the operation is important if required.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance	Colored liquid.
Color	Various colors.
Odor	Almost odorless.
Odor threshold	No information available.
рН	6-8
Melting point	No information available.
Initial boiling point and range	No information available.
Flash point	No information available.
Evaporation rate	No information available.
Flammability (solid, gas)	No information available.
Upper/lower flammability or explosive limits	No information available.
Vapour pressure	No information available.
Relative density	Greater than 1.0
Solubility(ies)	Not applicable.
Partition coefficient	No information available.
Auto-ignition temperature	Not applicable.
Decomposition Temperature	No information available.
Viscosity	No information available.
Explosive properties	none
Oxidising properties	none
Other information	Not applicable.

C-20 COBALT

10. Stability and reactivity	
Reactivity	There are no known reactivity hazards associated with this product.
Stability	No particular stability concerns.
Possibility of hazardous reactions	None known.
Conditions to avoid	None known.
Materials to avoid	None known.
Hazardous decomposition products	None known.
11. Toxicological information	
Information on toxicological eff	iects
Toxicological effects	Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any).
Skin corrosion/irritation	
Skin sensitization	
Skin sensitisation	Based on available data the classification criteria are not met.
Eye contact	May cause temporary eye irritation.
12. Ecological Information	
Ecotoxicity	Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.
Toxicity	
Toxicity	Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.
Persistence and degradability	
Persistence and degradability	No data available.
Biodegradation	Not inherently biodegradable.
Bioaccumulative potential	
Partition coefficient	No information available.
Mobility in soil	
Mobility	Semi-mobile.
Results of PBT and vPvB asse	essment
Results of PBT and vPvB assessment	This product does not contain any substances classified as PBT or vPvB.
Other adverse effects	

C-20 COBALT

Other adverse effects	None known.	
13. Disposal considerations		
Waste treatment methods		
General information	Dispose of waste product or used containers in accordance with local regulations When handling waste, the safety precautions applying to handling of the product should be considered.	
14. Transport information		
General	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT).	
UN Number		
Not applicable.		
UN proper shipping name		
Not applicable.		
Transport hazard class(es)		
No transport warning sign re-	quired.	
Packing group		
Not applicable.		
Environmental hazards		
Environmentally Hazardous a Please refer to Section 2 for please verify packaging and	Substance any environmental hazards associated with this product. If H411/H412 warnings are shown then labeling requirements for larger volumes.	
Special precautions for user		
Not applicable.		
Transport in bulk according t Annex II of MARPOL 73/78 and the IBC Code	o Not applicable.	
15. Regulatory information		
None of the ingredients are	ircinogens and Reproductive Toxins listed or exempt.	
Canada - DSL/NDSL All the ingredients are listed	or exempt.	
US - TSCA All the ingredients are listed	or exempt.	
US - TSCA 12(b) Export Not All the ingredients are listed		
16. Other information		

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General information	The following are the top 5 materials by weight listed for New Jersey (if applicable):- Water 7732-18-5,Crystalline Silica14808-60-7, Non Lead Frit65997-18-4, Calcium Silicate13983-17- 0 Nepheline Syenite37244-96-5
Revision date	3/10/2016
Revision	2
Supersedes date	3/8/2016
SDS No.	4951

C-20 COBALT

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

SAFETY DATA SHEET C-21 SKY

1. Identification		
Product identifier		
Product name	C-21 SKY	
Product number	C-21 SKY	
Recommended use of the ch	nemical and restrictions on use	
Application	ceramic glaze	
Details of the supplier of the safety data sheet		
Supplier	American Art Clay Co Inc 6060 Guion Road Indianapolis, IN 46254-1222 USA +1 317 244 6871	
Emergency telephone number	er	
Emergency telephone	1 317 244 6871 Mon-Fri, 0900-1700 EST	
2. Hazard(s) identification		
Classification of the substand	ce or mixture	
Physical hazards	Not Classified	
Health hazards	Not Classified	
Environmental hazards	Not Classified	
Label elements		
Hazard statements	NC Not Classified	
Other hazards		
none present.		
3. Composition/information o	on ingredients	
Mixtures Composition comments	Only ingredients listed above are notifiable for this product. If none are shown then all ingredients are exempt.,	
4. First-aid measures		
Description of first aid measu	ures	
Inhalation	Unlikely route of exposure as the product does not contain volatile substances.	
Ingestion	Do not induce vomiting. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if any discomfort continues.	
Skin Contact	Wash skin thoroughly with soap and water.	
Eye contact	Rinse with water.	
Most important symptoms ar	nd effects, both acute and delayed	
Inhalation	Read Section 2 for any specific precautions associated with this product. In general, breathing any type of dust/mist can and may aggravate irritation of the throat and lungs.	

Ingestion	Read Section 2 for any specific precautions associated with the use of this product. Products with specific warnings about ingestion will give guidance there.
Skin contact	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic glazes, clays and special products will tend to have a drying effect on the skin and may cause some sensitivity to users with sensitive skin.
Eye contact	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic and special products contain materials that maybe abrasive to eyes. Keeping materials from contacting the eyes is prudent. If contact does occur, flush with clean water, do not rub.
Indication of immediate medicate	al attention and special treatment needed
Notes for the doctor	Treat symptomatically.
5.Fire-fighting measures	
Extinguishing media	
Suitable extinguishing media	Use fire-extinguishing media suitable for the surrounding fire.
Special hazards arising from the	he substance or mixture
Specific hazards	The product is not believed to present a hazard due to its physical nature.
Advice for firefighters	
Special protective equipment for firefighters	Use protective equipment appropriate for surrounding materials.
6. Accidental release measure	S
Personal precautions, protection	ve equipment and emergency procedures
Personal precautions	For personal protection, see Section 8.
Environmental precautions	
Environmental precautions	Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.
Methods and material for cont	ainment and cleaning up
Methods for cleaning up	Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material.
Reference to other sections	For waste disposal, see Section 13. For personal protection, see Section 8.
7. Handling and storage	
Precautions for safe handling	
Usage precautions	Read label before use. Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.
Conditions for safe storage, in	cluding any incompatibilities
Storage precautions	Store in tightly-closed, original container in a dry and cool place.
Specific end uses(s)	
Specific end use(s)	The identified uses for this product are detailed in Section 1.2.
8. Exposure Controls/personal	I protection

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Ingredient comments	Only ingredients listed n Section 3 are notifiable for this product. If none are shown then all ingredients are exempt.
Exposure controls	
Appropriate engineering controls	No specific ventilations requirements unless the "FAN" pictogram is shown above or specified in Section 2.
Eye/face protection	No specific eye protection required unless the "EYE PROTECTION" pictogram is shown above or specified in Section 2.
Hand protection	No specific hand protection required unless the "HAND PROTECTION" pictogram is shown above or specified in Section 2.
Hygiene measures	Using good personal hygiene practices is always appropriate. Keeping a clean work space, cleaning up properly when done, and not eating, drinking or smoking when using this product.
Respiratory protection	No specific respiratory protection required unless the "RESPIRATOR" pictogram is shown above or specified in Section 2. Using the appropriate certified protection for the operation is important if required.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance	Colored liquid.
Color	Various colors.
Odor	Almost odorless.
Odor threshold	No information available.
рН	6-8
Melting point	No information available.
Initial boiling point and range	No information available.
Flash point	No information available.
Evaporation rate	No information available.
Flammability (solid, gas)	No information available.
Upper/lower flammability or explosive limits	No information available.
Vapour pressure	No information available.
Relative density	Greater than 1.0
Solubility(ies)	Not applicable.
Partition coefficient	No information available.
Auto-ignition temperature	Not applicable.
Decomposition Temperature	No information available.
Viscosity	No information available.
Explosive properties	none
Oxidising properties	none
Other information	Not applicable.

10. Stability and reactivity	
Reactivity	There are no known reactivity hazards associated with this product.
Stability	No particular stability concerns.
-	
Possibility of hazardous reactions	None known.
Conditions to avoid	None known.
Materials to avoid	None known.
Hazardous decomposition products	None known.
11. Toxicological information	
Information on toxicological eff	rects
Toxicological effects	Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any).
Skin corrosion/irritation	
Skin sensitization	
Skin sensitisation	Based on available data the classification criteria are not met.
Eye contact	May cause temporary eye irritation.
12. Ecological Information	
Ecotoxicity	Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.
Toxicity	
Toxicity	Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.
Persistence and degradability	
Persistence and degradability	No data available.
Biodegradation	Not inherently biodegradable.
Bioaccumulative potential	
Partition coefficient	No information available.
Mobility in soil	
Mobility	Semi-mobile.
Results of PBT and vPvB asse	essment
Results of PBT and vPvB assessment	This product does not contain any substances classified as PBT or vPvB.
Other adverse effects	

13. Disposal considerations Wasis treatment methods General information Dispose of waste product or used containers in accordance with local regulations When handling waste, the safety precautions applying to handling of the product should be considered. 14. Transport Information The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT). UN number The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT). UN proper shipping name The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT). Vi applicable. Transport hazard class(es) Not applicable. Transport marring sign required. Packing group Not applicable. Environmental hazards Environmental hazards Packing group Not applicable. Please refer Societon 2 for any environmental hazards associated with this product. If H411/H412 warnings are shown then please verify packaging and labeling requirements for larger volumes. Special precautions for user Not applicable. Transport in bulk according to Not applicable. Not applicable. State Regulators Not applicable. California Proposition 65 Carcinogens and Reproductive Toxins None of the ingredients are listed or exempt.	Other adverse effects	None known.
General Information Dispose of waste product or used containers in accordance with local regulations When handling waste, the safety precautions applying to handling of the product should be considered. 14. Transport Information The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT). UN Number Not applicable. Not applicable. Transport hazard class(es) No trapplicable. Not applicable. Packing group Not applicable. Not applicable. Packing group Not applicable. Not applicable. Environmental hazards Packing group Not applicable. Packing group </th <th>13. Disposal considerations</th> <th></th>	13. Disposal considerations	
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US - TSCA 12(b) Export Notification All the ingredients are listed or exempt.		I or exempt.
16. Other information	US - TSCA 12(b) Export No	bification
	16. Other information	

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General information	The following are the top 5 materials by weight listed for New Jersey (if applicable):- Water 7732-18-5,Crystalline Silica14808-60-7, Non Lead Frit65997-18-4, Calcium Silicate13983-17- 0 Nepheline Syenite37244-96-5
Revision date	3/10/2016
Revision	2
Supersedes date	3/8/2016
SDS No.	4952

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

SAFETY DATA SHEET C-36 IRON

1. Identification	
Product identifier	
Product name	C-36 IRON
Product number	C-36 IRON
Recommended use of the ch	emical and restrictions on use
Application	ceramic glaze
Details of the supplier of the	safety data sheet
Supplier	American Art Clay Co Inc 6060 Guion Road Indianapolis, IN 46254-1222 USA +1 317 244 6871
Emergency telephone number	
Emergency telephone	1 317 244 6871 Mon-Fri, 0900-1700 EST
2. Hazard(s) identification	
Classification of the substance	æ or mixture
Physical hazards	Not Classified
Health hazards	Not Classified
Environmental hazards	Not Classified
Label elements	
Hazard statements	NC Not Classified
Other hazards	
none present.	
3. Composition/information o	n ingredients
<u>Mixtures</u> Composition comments	Only ingredients listed above are notifiable for this product. If none are shown then all ingredients are exempt.,
4. First-aid measures	
Description of first aid measu	
Inhalation	Unlikely route of exposure as the product does not contain volatile substances.
Ingestion	Do not induce vomiting. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if any discomfort continues.
Skin Contact	Wash skin thoroughly with soap and water.
Eye contact	Rinse with water.
Most important symptoms an	d effects, both acute and delayed
Inhalation	Read Section 2 for any specific precautions associated with this product. In general, breathing any type of dust/mist can and may aggravate irritation of the throat and lungs.

Ingestion

Skin contact

Eye contact

Specific hazards

for firefighters

C-36 IRON Read Section 2 for any specific precautions associated with the use of this product. Products with specific warnings about ingestion will give guidance there. Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic glazes, clays and special products will tend to have a drying effect on the skin and may cause some sensitivity to users with sensitive skin. Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic and special products contain materials that maybe abrasive to eyes. Keeping materials from contacting the eyes is prudent. If contact does occur, flush with clean water, do not rub. Indication of immediate medical attention and special treatment needed Notes for the doctor Treat symptomatically. 5.Fire-fighting measures Extinguishing media Suitable extinguishing media Use fire-extinguishing media suitable for the surrounding fire. Special hazards arising from the substance or mixture The product is not believed to present a hazard due to its physical nature. Advice for firefighters Special protective equipment Use protective equipment appropriate for surrounding materials. 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures Personal precautions For personal protection, see Section 8. **Environmental precautions Environmental precautions** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers. Methods and material for containment and cleaning up Methods for cleaning up Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material. Reference to other sections For waste disposal, see Section 13. For personal protection, see Section 8. 7. Handling and storage Precautions for safe handling Usage precautions Read label before use. Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Conditions for safe storage, including any incompatibilities Store in tightly-closed, original container in a dry and cool place. Storage precautions Specific end uses(s) Specific end use(s) The identified uses for this product are detailed in Section 1.2. 8. Exposure Controls/personal protection

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Ingredient comments	Only ingredients listed n Section 3 are notifiable for this product. If none are shown then all ingredients are exempt.
Exposure controls	
Appropriate engineering controls	No specific ventilations requirements unless the "FAN" pictogram is shown above or specified in Section 2.
Eye/face protection	No specific eye protection required unless the "EYE PROTECTION" pictogram is shown above or specified in Section 2.
Hand protection	No specific hand protection required unless the "HAND PROTECTION" pictogram is shown above or specified in Section 2.
Hygiene measures	Using good personal hygiene practices is always appropriate. Keeping a clean work space, cleaning up properly when done, and not eating, drinking or smoking when using this product.
Respiratory protection	No specific respiratory protection required unless the "RESPIRATOR" pictogram is shown above or specified in Section 2. Using the appropriate certified protection for the operation is important if required.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance	Colored liquid.
Color	Various colors.
Odor	Almost odorless.
Odor threshold	No information available.
рН	6-8
Melting point	No information available.
Initial boiling point and range	No information available.
Flash point	No information available.
Evaporation rate	No information available.
Flammability (solid, gas)	No information available.
Upper/lower flammability or explosive limits	No information available.
Vapour pressure	No information available.
Relative density	Greater than 1.0
Solubility(ies)	Not applicable.
Partition coefficient	No information available.
Auto-ignition temperature	Not applicable.
Decomposition Temperature	No information available.
Viscosity	No information available.
Explosive properties	none
Oxidising properties	none
Other information	Not applicable.

10. Stability and reactivity	
Reactivity	There are no known reactivity hazards associated with this product.
Stability	No particular stability concerns.
-	
Possibility of hazardous reactions	None known.
Conditions to avoid	None known.
Materials to avoid	None known.
Hazardous decomposition products	None known.
11. Toxicological information	
Information on toxicological eff	ects
Toxicological effects	Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any).
Skin corrosion/irritation	
Skin sensitization	
Skin sensitisation	Based on available data the classification criteria are not met.
Eye contact	May cause temporary eye irritation.
12. Ecological Information	
Ecotoxicity	Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.
Toxicity	
Toxicity	Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.
Persistence and degradability	
Persistence and degradability	No data available.
Biodegradation	Not inherently biodegradable.
Bioaccumulative potential	
Partition coefficient	No information available.
Mobility in soil	
Mobility	Semi-mobile.
Results of PBT and vPvB asse	essment
Results of PBT and vPvB assessment	This product does not contain any substances classified as PBT or vPvB.
Other adverse effects	

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Other adverse effects	None known.
13. Disposal considerations	
Waste treatment methods	
General information	Dispose of waste product or used containers in accordance with local regulations When handling waste, the safety precautions applying to handling of the product should be considered.
14. Transport information	
General	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT).
UN Number	
Not applicable.	
UN proper shipping name	
Not applicable.	
Transport hazard class(es)	
No transport warning sign req	uired.
Packing group	
Not applicable.	
Environmental hazards	
Environmentally Hazardous S Please refer to Section 2 for a please verify packaging and la	ubstance ny environmental hazards associated with this product. If H411/H412 warnings are shown then abeling requirements for larger volumes.
Special precautions for user	
Not applicable.	
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.
15. Regulatory information	
US State Regulations California Proposition 65 Carr None of the ingredients are list	cinogens and Reproductive Toxins sted or exempt.
Inventories	
Canada - DSL/NDSL All the ingredients are listed of	or exempt.
US - TSCA All the ingredients are listed o	or exempt.
US - TSCA 12(b) Export Notif All the ingredients are listed o	
16. Other information	

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General information	The following are the top 5 materials by weight listed for New Jersey (if applicable):- Water 7732-18-5,Crystalline Silica14808-60-7, Non Lead Frit65997-18-4, Calcium Silicate13983-17- 0 Nepheline Syenite37244-96-5
Revision date	3/10/2016
Revision	2
Supersedes date	3/8/2016
SDS No.	4956

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

SAFETY DATA SHEET C-41 PEAR

1. Identification	
Product identifier	
Product name	C-41 PEAR
Product number	C-41 PEAR
Recommended use of the ch	nemical and restrictions on use
Application	ceramic glaze
Details of the supplier of the	safety data sheet
Supplier	American Art Clay Co Inc 6060 Guion Road Indianapolis, IN 46254-1222 USA +1 317 244 6871
Emergency telephone numb	er
Emergency telephone	1 317 244 6871 Mon-Fri, 0900-1700 EST
2. Hazard(s) identification	
Classification of the substan	ce or mixture
Physical hazards	Not Classified
Health hazards	Not Classified
Environmental hazards	Not Classified
Label elements	
Hazard statements	NC Not Classified
Other hazards	
none present.	
3. Composition/information of	on ingredients
<u>Mixtures</u> Composition comments	Only ingredients listed above are notifiable for this product. If none are shown then all ingredients are exempt.,
4. First-aid measures	
Description of first aid measured	ures
Inhalation	Unlikely route of exposure as the product does not contain volatile substances.
Ingestion	Do not induce vomiting. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if any discomfort continues.
Skin Contact	Wash skin thoroughly with soap and water.
Eye contact	Rinse with water.
Most important symptoms an	nd effects, both acute and delayed
Inhalation	Read Section 2 for any specific precautions associated with this product. In general, breathing any type of dust/mist can and may aggravate irritation of the throat and lungs.

C-41 PEAR

Ingestion Read Section 2 for any specific precautions associated with the use of this product. Products with specific warnings about ingestion will give guidance there. Skin contact Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic glazes, clays and special products will tend to have a drying effect on the skin and may cause some sensitivity to users with sensitive skin. Eye contact Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic and special products contain materials that maybe abrasive to eyes. Keeping materials from contacting the eyes is prudent. If contact does occur, flush with clean water, do not rub. Indication of immediate medical attention and special treatment needed Notes for the doctor Treat symptomatically. 5.Fire-fighting measures Extinguishing media Suitable extinguishing media Use fire-extinguishing media suitable for the surrounding fire. Special hazards arising from the substance or mixture Specific hazards The product is not believed to present a hazard due to its physical nature. Advice for firefighters Special protective equipment Use protective equipment appropriate for surrounding materials. for firefighters 6. Accidental release measures Personal precautions, protective equipment and emergency procedures Personal precautions For personal protection, see Section 8. **Environmental precautions Environmental precautions** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers. Methods and material for containment and cleaning up Methods for cleaning up Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material. Reference to other sections For waste disposal, see Section 13. For personal protection, see Section 8. 7. Handling and storage Precautions for safe handling Usage precautions Read label before use. Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Conditions for safe storage, including any incompatibilities Store in tightly-closed, original container in a dry and cool place. Storage precautions Specific end uses(s) Specific end use(s) The identified uses for this product are detailed in Section 1.2. 8. Exposure Controls/personal protection

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C-41 PEAR

Ingredient comments	Only ingredients listed n Section 3 are notifiable for this product. If none are shown then all ingredients are exempt.
Exposure controls	
Appropriate engineering controls	No specific ventilations requirements unless the "FAN" pictogram is shown above or specified in Section 2.
Eye/face protection	No specific eye protection required unless the "EYE PROTECTION" pictogram is shown above or specified in Section 2.
Hand protection	No specific hand protection required unless the "HAND PROTECTION" pictogram is shown above or specified in Section 2.
Hygiene measures	Using good personal hygiene practices is always appropriate. Keeping a clean work space, cleaning up properly when done, and not eating, drinking or smoking when using this product.
Respiratory protection	No specific respiratory protection required unless the "RESPIRATOR" pictogram is shown above or specified in Section 2. Using the appropriate certified protection for the operation is important if required.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance	Colored liquid.
Color	Various colors.
Odor	Almost odorless.
Odor threshold	No information available.
рН	6-8
Melting point	No information available.
Initial boiling point and range	No information available.
Flash point	No information available.
Evaporation rate	No information available.
Flammability (solid, gas)	No information available.
Upper/lower flammability or explosive limits	No information available.
Vapour pressure	No information available.
Relative density	Greater than 1.0
Solubility(ies)	Not applicable.
Partition coefficient	No information available.
Auto-ignition temperature	Not applicable.
Decomposition Temperature	No information available.
Viscosity	No information available.
Explosive properties	none
Oxidising properties	none
Other information	Not applicable.

10. Stability and reactivity Reactivity There are no known reactivity hazards associated with this product. Stability No particular stability concerns. Possibility of hazardous None known. reactions Conditions to avoid None known. Materials to avoid None known. Hazardous decomposition None known. products 11. Toxicological information Information on toxicological effects **Toxicological effects** Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any). Skin corrosion/irritation Skin sensitization Skin sensitisation Based on available data the classification criteria are not met. Eye contact May cause temporary eye irritation. 12. Ecological Information Ecotoxicity Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers. Toxicity Toxicity Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers. Persistence and degradability Persistence and degradability No data available. Biodegradation Not inherently biodegradable. **Bioaccumulative potential** Partition coefficient No information available. Mobility in soil Semi-mobile. Mobility Results of PBT and vPvB assessment Results of PBT and vPvB This product does not contain any substances classified as PBT or vPvB. assessment Other adverse effects

C-41 PEAR

C-41 PEAR

Other adverse effects	None known.
13. Disposal considerations	
Waste treatment methods	
General information	Dispose of waste product or used containers in accordance with local regulations When handling waste, the safety precautions applying to handling of the product should be considered.
14. Transport information	
General	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT).
UN Number	
Not applicable.	
UN proper shipping name	
Not applicable.	
Transport hazard class(es)	
No transport warning sign req	uired.
Packing group	
Not applicable.	
Environmental hazards	
Environmentally Hazardous S Please refer to Section 2 for a please verify packaging and la	u bstance Iny environmental hazards associated with this product. If H411/H412 warnings are shown then abeling requirements for larger volumes.
Special precautions for user	
Not applicable.	
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.
15. Regulatory information	
US State Regulations California Proposition 65 Car None of the ingredients are list	cinogens and Reproductive Toxins sted or exempt.
Inventories	
Canada - DSL/NDSL All the ingredients are listed o	or exempt.
US - TSCA All the ingredients are listed o	pr exempt.
US - TSCA 12(b) Export Noti All the ingredients are listed o	
16. Other information	

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General information	The following are the top 5 materials by weight listed for New Jersey (if applicable):- Water 7732-18-5,Crystalline Silica14808-60-7, Non Lead Frit65997-18-4, Calcium Silicate13983-17- 0 Nepheline Syenite37244-96-5
Revision date	3/10/2016
Revision	2
Supersedes date	3/8/2016
SDS No.	4958

C-41 PEAR

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

SAFETY DATA SHEET C-47 JADE

1. Identification	
Product identifier	
Product name	C-47 JADE
Product number	C-47 JADE
Recommended use of the ch	nemical and restrictions on use
Application	ceramic glaze
Details of the supplier of the	safety data sheet
Supplier	American Art Clay Co Inc 6060 Guion Road Indianapolis, IN 46254-1222 USA +1 317 244 6871
Emergency telephone numb	er
Emergency telephone	1 317 244 6871 Mon-Fri, 0900-1700 EST
2. Hazard(s) identification	
Classification of the substan	ce or mixture
Physical hazards	Not Classified
Health hazards	Acute Tox. 4 - H302
Label elements	
!	
Signal word	Warning
Hazard statements	H302 Harmful if swallowed.
Precautionary statements	P264 Wash contaminated skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P301+P310 If swallowed: Immediately call a poison center/doctor. P330 Rinse mouth. P501 Dispose of contents/container in accordance with national regulations.
Supplemental label information	WARNING: MAY BE HARMFUL IF SWALLOWED. Contains: COPPER. PRECAUTIONS: Keep in original container. Wash hands immediately after use. When using do not eat, drink or smoke. NOT FOR SPRAY APPLICATION. NOT FOR USE IN HEALTH CARE FACILITIES. KEEP OUT OF REACH OF CHILDREN. FIRST AID TREATMENT: If swallowed get prompt medical attention. For further information, contact a national poison control number; 800-222- 1222.
Other hazards	
none present.	
3. Composition/information of	on ingredients
o. composition/information e	

Copper Oxide	1-5%
CAS number: 1317-38-0	
Classification Not Classified	
The Full Text for all Hazard St	atements are Displayed in Section 16.
Composition comments	Only ingredients listed above are notifiable for this product. If none are shown then all ingredients are exempt.,
4. First-aid measures	
Description of first aid measure	95
Inhalation	Unlikely route of exposure as the product does not contain volatile substances.
Ingestion	Do not induce vomiting. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if any discomfort continues.
Skin Contact	Wash skin thoroughly with soap and water.
Eye contact	Rinse with water.
Most important symptoms and	effects, both acute and delayed
Inhalation	Read Section 2 for any specific precautions associated with this product. In general, breathing any type of dust/mist can and may aggravate irritation of the throat and lungs.
Ingestion	Read Section 2 for any specific precautions associated with the use of this product. Products with specific warnings about ingestion will give guidance there.
Skin contact	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic glazes, clays and special products will tend to have a drying effect on the skin and may cause some sensitivity to users with sensitive skin.
Eye contact	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic and special products contain materials that maybe abrasive to eyes. Keeping materials from contacting the eyes is prudent. If contact does occur, flush with clean water, do not rub.
Indication of immediate medica	al attention and special treatment needed
Notes for the doctor	Treat symptomatically.
5.Fire-fighting measures	
Extinguishing media	
Suitable extinguishing media	Use fire-extinguishing media suitable for the surrounding fire.
Special hazards arising from t	ne substance or mixture
Specific hazards	The product is not believed to present a hazard due to its physical nature.
Advice for firefighters Special protective equipment for firefighters	Use protective equipment appropriate for surrounding materials.
	e
6. Accidental release measure	
	ve equipment and emergency procedures
Personal precautions	For personal protection, see Section 8.

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Environmental precautions	
Environmental precautions	Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.
Methods and material for con	tainment and cleaning up
Methods for cleaning up	Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material.
Reference to other sections	For waste disposal, see Section 13. For personal protection, see Section 8.
7. Handling and storage	
Precautions for safe handling	
Usage precautions	Read label before use. Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.
Conditions for safe storage, ir	ncluding any incompatibilities
Storage precautions	Store in tightly-closed, original container in a dry and cool place.
Specific end uses(s)	
Specific end use(s)	The identified uses for this product are detailed in Section 1.2.
8. Exposure Controls/persona	I protection
Ingredient comments	Only ingredients listed n Section 3 are notifiable for this product. If none are shown then all ingredients are exempt.
	Copper Oxide (CAS: 1317-38-0)
Immediate dang and health	
-	
and health	
and health Exposure controls Appropriate engineering	er to life 100 mg/m³ No specific ventilations requirements unless the "FAN" pictogram is shown above or specified
and health Exposure controls Appropriate engineering controls	er to life 100 mg/m ³ No specific ventilations requirements unless the "FAN" pictogram is shown above or specified in Section 2. No specific eye protection required unless the "EYE PROTECTION" pictogram is shown
and health Exposure controls Appropriate engineering controls Eye/face protection	er to life 100 mg/m ³ No specific ventilations requirements unless the "FAN" pictogram is shown above or specified in Section 2. No specific eye protection required unless the "EYE PROTECTION" pictogram is shown above or specified in Section 2. No specific hand protection required unless the "HAND PROTECTION" pictogram is shown
and health Exposure controls Appropriate engineering controls Eye/face protection Hand protection	er to life 100 mg/m ³ No specific ventilations requirements unless the "FAN" pictogram is shown above or specified in Section 2. No specific eye protection required unless the "EYE PROTECTION" pictogram is shown above or specified in Section 2. No specific hand protection required unless the "HAND PROTECTION" pictogram is shown above or specified in Section 2. Using good personal hygiene practices is always appropriate. Keeping a clean work space,
and health Exposure controls Appropriate engineering controls Eye/face protection Hand protection Hygiene measures	er to life 100 mg/m ³ No specific ventilations requirements unless the "FAN" pictogram is shown above or specified in Section 2. No specific eye protection required unless the "EYE PROTECTION" pictogram is shown above or specified in Section 2. No specific hand protection required unless the "HAND PROTECTION" pictogram is shown above or specified in Section 2. Using good personal hygiene practices is always appropriate. Keeping a clean work space, cleaning up properly when done, and not eating, drinking or smoking when using this product. No specific respiratory protection required unless the "RESPIRATOR" pictogram is shown above or specified in Section 2.
and health Exposure controls Appropriate engineering controls Eye/face protection Hand protection Hygiene measures Respiratory protection	er to life 100 mg/m ³ No specific ventilations requirements unless the "FAN" pictogram is shown above or specified in Section 2. No specific eye protection required unless the "EYE PROTECTION" pictogram is shown above or specified in Section 2. No specific hand protection required unless the "HAND PROTECTION" pictogram is shown above or specified in Section 2. Using good personal hygiene practices is always appropriate. Keeping a clean work space, cleaning up properly when done, and not eating, drinking or smoking when using this product. No specific respiratory protection required unless the "RESPIRATOR" pictogram is shown above or specified in Section 2. Using the appropriate certified protection for the operation is important if required.
and health Exposure controls Appropriate engineering controls Eye/face protection Hand protection Hygiene measures Respiratory protection 9. Physical and Chemical Pro	er to life 100 mg/m ³ No specific ventilations requirements unless the "FAN" pictogram is shown above or specified in Section 2. No specific eye protection required unless the "EYE PROTECTION" pictogram is shown above or specified in Section 2. No specific hand protection required unless the "HAND PROTECTION" pictogram is shown above or specified in Section 2. Using good personal hygiene practices is always appropriate. Keeping a clean work space, cleaning up properly when done, and not eating, drinking or smoking when using this product. No specific respiratory protection required unless the "RESPIRATOR" pictogram is shown above or specified in Section 2. Using the appropriate certified protection for the operation is important if required.
and health Exposure controls Appropriate engineering controls Eye/face protection Hand protection Hygiene measures Respiratory protection 9. Physical and Chemical Pro Information on basic physical	er to life 100 mg/m ³ No specific ventilations requirements unless the "FAN" pictogram is shown above or specified in Section 2. No specific eye protection required unless the "EYE PROTECTION" pictogram is shown above or specified in Section 2. No specific hand protection required unless the "HAND PROTECTION" pictogram is shown above or specified in Section 2. Using good personal hygiene practices is always appropriate. Keeping a clean work space, cleaning up properly when done, and not eating, drinking or smoking when using this product. No specific respiratory protection required unless the "RESPIRATOR" pictogram is shown above or specified in Section 2. Using the appropriate certified protection for the operation is important if required. perties and chemical properties

Odor threshold	No information available.
рН	6-8
Melting point	No information available.
Initial boiling point and range	No information available.
Flash point	No information available.
Evaporation rate	No information available.
Flammability (solid, gas)	No information available.
Upper/lower flammability or explosive limits	No information available.
Vapour pressure	No information available.
Relative density	Greater than 1.0
Solubility(ies)	Not applicable.
Partition coefficient	No information available.
Auto-ignition temperature	Not applicable.
Decomposition Temperature	No information available.
Viscosity	No information available.
Explosive properties	none
Oxidising properties	none
Other information	Not applicable.
Other information 10. Stability and reactivity	Not applicable.
	Not applicable. There are no known reactivity hazards associated with this product.
10. Stability and reactivity	
10. Stability and reactivity Reactivity	There are no known reactivity hazards associated with this product.
10. Stability and reactivityReactivityStabilityPossibility of hazardous	There are no known reactivity hazards associated with this product. No particular stability concerns.
10. Stability and reactivity Reactivity Stability Possibility of hazardous reactions	There are no known reactivity hazards associated with this product. No particular stability concerns. None known.
10. Stability and reactivityReactivityStabilityPossibility of hazardous reactionsConditions to avoid	There are no known reactivity hazards associated with this product. No particular stability concerns. None known. None known.
10. Stability and reactivityReactivityStabilityPossibility of hazardous reactionsConditions to avoidMaterials to avoidHazardous decomposition	There are no known reactivity hazards associated with this product. No particular stability concerns. None known. None known.
10. Stability and reactivity Reactivity Stability Possibility of hazardous reactions Conditions to avoid Materials to avoid Hazardous decomposition products	There are no known reactivity hazards associated with this product. No particular stability concerns. None known. None known. None known.
10. Stability and reactivityReactivityStabilityPossibility of hazardous reactionsConditions to avoidMaterials to avoidHazardous decomposition products11. Toxicological information	There are no known reactivity hazards associated with this product. No particular stability concerns. None known. None known. None known.
10. Stability and reactivity Reactivity Stability Possibility of hazardous reactions Conditions to avoid Materials to avoid Hazardous decomposition products 11. Toxicological information Information on toxicological effects Acute toxicity - oral	There are no known reactivity hazards associated with this product. No particular stability concerns. None known. None known. None known. None known. Fects Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any).
10. Stability and reactivity Reactivity Stability Possibility of hazardous reactions Conditions to avoid Materials to avoid Hazardous decomposition products 11. Toxicological information Information on toxicological effects	There are no known reactivity hazards associated with this product. No particular stability concerns. None known. None known. None known. Fects Please read Section 2 thoroughly to understand the toxicological risks, (if any) and

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Skin sensitization	
Skin sensitisation	Based on available data the classification criteria are not met.
Eye contact	May cause temporary eye irritation.
12. Ecological Information	
Ecotoxicity	Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.
Toxicity	
Toxicity	Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.
Persistence and degradability	
Persistence and degradability	No data available.
Biodegradation	Not inherently biodegradable.
Bioaccumulative potential	
Partition coefficient	No information available.
Mobility in soil	
Mobility	Semi-mobile.
Results of PBT and vPvB asse	essment
Results of PBT and vPvB assessment	This product does not contain any substances classified as PBT or vPvB.
Other adverse effects	
Other adverse effects	None known.
13. Disposal considerations	
Waste treatment methods	
General information	Dispose of waste product or used containers in accordance with local regulations When handling waste, the safety precautions applying to handling of the product should be considered.
14. Transport information	
General	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT).
UN Number	
Not applicable.	
UN proper shipping name	
Not applicable.	
Transport hazard class(es)	
No transport warning sign requ	uired.
Packing group	
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Not applicable.

Environmental hazards

Environmentally Hazardous Substance

Please refer to Section 2 for any environmental hazards associated with this product. If H411/H412 warnings are shown then please verify packaging and labeling requirements for larger volumes.

Special precautions for user

Not applicable.

Transport in bulk according to Not applicable. Annex II of MARPOL 73/78 and the IBC Code

15. Regulatory information

US State Regulations

California Proposition 65 Carcinogens and Reproductive Toxins

None of the ingredients are listed or exempt.

Inventories

Canada - DSL/NDSL

All the ingredients are listed or exempt.

US - TSCA

All the ingredients are listed or exempt.

US - TSCA 12(b) Export Notification

All the ingredients are listed or exempt.

16. Other information

General information	The following are the top 5 materials by weight listed for New Jersey (if applicable):- Water 7732-18-5,Crystalline Silica14808-60-7, Non Lead Frit65997-18-4, Calcium Silicate13983-17- 0 Nepheline Syenite37244-96-5
Revision date	3/10/2016
Revision	3
Supersedes date	3/8/2016
SDS No.	4960
Hazard statements in full	H302 Harmful if swallowed.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

SAFETY DATA SHEET C-49 RAINFOREST

1. Identification	
Product identifier	
Product name	C-49 RAINFOREST
Product number	C-49 RAINFOREST
Recommended use of the ch	nemical and restrictions on use
Application	ceramic glaze
Details of the supplier of the	safety data sheet
Supplier	American Art Clay Co Inc 6060 Guion Road Indianapolis, IN 46254-1222 USA +1 317 244 6871
Emergency telephone numb	er
Emergency telephone	1 317 244 6871 Mon-Fri, 0900-1700 EST
2. Hazard(s) identification	
Classification of the substan	ce or mixture
Physical hazards	Not Classified
Health hazards	Acute Tox. 4 - H302
Label elements	
Signal word	Warning
Hazard statements	H302 Harmful if swallowed.
Precautionary statements	P264 Wash contaminated skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P301+P310 If swallowed: Immediately call a poison center/doctor. P330 Rinse mouth. P501 Dispose of contents/container in accordance with national regulations.
Supplemental label information	WARNING: MAY BE HARMFUL IF SWALLOWED. Contains: COPPER. PRECAUTIONS: Keep in original container. Wash hands immediately after use. When using do not eat, drink or smoke. NOT FOR SPRAY APPLICATION. NOT FOR USE IN HEALTH CARE FACILITIES. KEEP OUT OF REACH OF CHILDREN. FIRST AID TREATMENT: If swallowed get prompt medical attention. For further information, contact a national poison control number; 800-222- 1222.
Other hazards	
none present.	
3. Composition/information of	on ingredients

Copper Oxide	1-5%
CAS number: 1317-38-0	
Classification Not Classified	
The Full Text for all Hazard Sta	atements are Displayed in Section 16.
Composition comments	Only ingredients listed above are notifiable for this product. If none are shown then all ingredients are exempt.,
4. First-aid measures	
Description of first aid measure	es
Inhalation	Unlikely route of exposure as the product does not contain volatile substances.
Ingestion	Do not induce vomiting. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if any discomfort continues.
Skin Contact	Wash skin thoroughly with soap and water.
Eye contact	Rinse with water.
Most important symptoms and	effects, both acute and delayed
Inhalation	Read Section 2 for any specific precautions associated with this product. In general, breathing any type of dust/mist can and may aggravate irritation of the throat and lungs.
Ingestion	Read Section 2 for any specific precautions associated with the use of this product. Products with specific warnings about ingestion will give guidance there.
Skin contact	Read Section 2 for any specific precautions associated with the use of this product. In genera most ceramic glazes, clays and special products will tend to have a drying effect on the skin and may cause some sensitivity to users with sensitive skin.
Eye contact	Read Section 2 for any specific precautions associated with the use of this product. In genera most ceramic and special products contain materials that maybe abrasive to eyes. Keeping materials from contacting the eyes is prudent. If contact does occur, flush with clean water, do not rub.
Indication of immediate medica	al attention and special treatment needed
Notes for the doctor	Treat symptomatically.
5.Fire-fighting measures	
Extinguishing media	
Suitable extinguishing media	Use fire-extinguishing media suitable for the surrounding fire.
Special hazards arising from th	ne substance or mixture
Specific hazards	The product is not believed to present a hazard due to its physical nature.
Advice for firefighters Special protective equipment for firefighters	Use protective equipment appropriate for surrounding materials.
6. Accidental release measure	S
Personal precautions, protectiv	/e equipment and emergency procedures
Personal precautions	For personal protection, see Section 8.

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Environmental precautions Environmental precautions Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers. Methods and material for containment and cleaning up Methods for cleaning up Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material. Reference to other sections For waste disposal, see Section 13. For personal protection, see Section 8. 7. Handling and storage Precautions for safe handling Usage precautions Read label before use. Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Conditions for safe storage, including any incompatibilities Storage precautions Store in tightly-closed, original container in a dry and cool place. Specific end uses(s) Specific end use(s) The identified uses for this product are detailed in Section 1.2. 8. Exposure Controls/personal protection Only ingredients listed n Section 3 are notifiable for this product. If none are shown then all Ingredient comments ingredients are exempt. Copper Oxide (CAS: 1317-38-0) 100 mg/m³ Immediate danger to life and health Exposure controls No specific ventilations requirements unless the "FAN" pictogram is shown above or specified Appropriate engineering controls in Section 2. Eye/face protection No specific eye protection required unless the "EYE PROTECTION" pictogram is shown above or specified in Section 2. Hand protection No specific hand protection required unless the "HAND PROTECTION" pictogram is shown above or specified in Section 2. Hygiene measures Using good personal hygiene practices is always appropriate. Keeping a clean work space, cleaning up properly when done, and not eating, drinking or smoking when using this product. No specific respiratory protection required unless the "RESPIRATOR" pictogram is shown **Respiratory protection** above or specified in Section 2. Using the appropriate certified protection for the operation is important if required. 9. Physical and Chemical Properties Information on basic physical and chemical properties Appearance Colored liquid. Color Various colors.

Odor

Almost odorless.

Odor threshold	No information available.
рН	6-8
Melting point	No information available.
Initial boiling point and range	No information available.
Flash point	No information available.
Evaporation rate	No information available.
Flammability (solid, gas)	No information available.
Upper/lower flammability or explosive limits	No information available.
Vapour pressure	No information available.
Relative density	Greater than 1.0
Solubility(ies)	Not applicable.
Partition coefficient	No information available.
Auto-ignition temperature	Not applicable.
Decomposition Temperature	No information available.
Viscosity	No information available.
Explosive properties	none
Oxidising properties	none
Other information	Not applicable.
Other information 10. Stability and reactivity	Not applicable.
	Not applicable. There are no known reactivity hazards associated with this product.
10. Stability and reactivity	
10. Stability and reactivity Reactivity	There are no known reactivity hazards associated with this product.
10. Stability and reactivityReactivityStabilityPossibility of hazardous	There are no known reactivity hazards associated with this product. No particular stability concerns.
10. Stability and reactivity Reactivity Stability Possibility of hazardous reactions	There are no known reactivity hazards associated with this product. No particular stability concerns. None known.
10. Stability and reactivityReactivityStabilityPossibility of hazardous reactionsConditions to avoid	There are no known reactivity hazards associated with this product. No particular stability concerns. None known. None known.
10. Stability and reactivity Reactivity Stability Possibility of hazardous reactions Conditions to avoid Materials to avoid Hazardous decomposition	There are no known reactivity hazards associated with this product. No particular stability concerns. None known. None known.
10. Stability and reactivityReactivityStabilityPossibility of hazardous reactionsConditions to avoidMaterials to avoidHazardous decomposition products	There are no known reactivity hazards associated with this product. No particular stability concerns. None known. None known. None known.
10. Stability and reactivityReactivityStabilityPossibility of hazardous reactionsConditions to avoidMaterials to avoidHazardous decomposition products11. Toxicological information	There are no known reactivity hazards associated with this product. No particular stability concerns. None known. None known. None known.
10. Stability and reactivity Reactivity Stability Possibility of hazardous reactions Conditions to avoid Materials to avoid Hazardous decomposition products 11. Toxicological information Information on toxicological effect	There are no known reactivity hazards associated with this product. No particular stability concerns. None known. None known. None known. Fects Please read Section 2 thoroughly to understand the toxicological risks, (if any) and

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Skin sensitization Skin sensitisation	Based on available data the classification criteria are not met.
Eye contact	May cause temporary eye irritation.
12. Ecological Information	
Ecotoxicity	Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.
Toxicity	
Toxicity	Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.
Persistence and degradability	
Persistence and degradability	No data available.
Biodegradation	Not inherently biodegradable.
Bioaccumulative potential	
Partition coefficient	No information available.
Mobility in soil	
Mobility	Semi-mobile.
Results of PBT and vPvB asse	essment
Results of PBT and vPvB assessment	This product does not contain any substances classified as PBT or vPvB.
Other adverse effects	
Other adverse effects	None known.
13. Disposal considerations	
Waste treatment methods	
General information	Dispose of waste product or used containers in accordance with local regulations When handling waste, the safety precautions applying to handling of the product should be considered.
14. Transport information	
General	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT).
UN Number	
Not applicable.	
UN proper shipping name	
Not applicable.	
Transport hazard class(es)	
No transport warning sign requ	Jired.
Packing group	
	5/6

Not applicable.

Environmental hazards

Environmentally Hazardous Substance

Please refer to Section 2 for any environmental hazards associated with this product. If H411/H412 warnings are shown then please verify packaging and labeling requirements for larger volumes.

Special precautions for user

Not applicable.

Transport in bulk according to Not applicable. Annex II of MARPOL 73/78 and the IBC Code

15. Regulatory information

US State Regulations

California Proposition 65 Carcinogens and Reproductive Toxins

None of the ingredients are listed or exempt.

Inventories

Canada - DSL/NDSL

All the ingredients are listed or exempt.

US - TSCA

All the ingredients are listed or exempt.

US - TSCA 12(b) Export Notification

All the ingredients are listed or exempt.

16. Other information

General information	The following are the top 5 materials by weight listed for New Jersey (if applicable):- Water 7732-18-5,Crystalline Silica14808-60-7, Non Lead Frit65997-18-4, Calcium Silicate13983-17- 0 Nepheline Syenite37244-96-5
Revision date	3/10/2016
Revision	3
Supersedes date	3/8/2016
SDS No.	4961
Hazard statements in full	H302 Harmful if swallowed.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

SAFETY DATA SHEET C-50 CHERRY BLOSSOM

1. Identification		
Product identifier		
Product name	C-50 CHERRY BLOSSOM	
Product number	C-50 CHERRY BLOSSOM	
Recommended use of the ch	emical and restrictions on use	
Application	ceramic glaze	
Details of the supplier of the s	safety data sheet	
Supplier	American Art Clay Co Inc 6060 Guion Road Indianapolis, IN 46254-1222 USA +1 317 244 6871	
Emergency telephone number		
Emergency telephone	1 317 244 6871 Mon-Fri, 0900-1700 EST	
2. Hazard(s) identification		
Classification of the substance	e or mixture	
Physical hazards	Not Classified	
Health hazards	Not Classified	
Environmental hazards	Not Classified	
Label elements		
Hazard statements	NC Not Classified	
Other hazards		
none present.		
3. Composition/information of	n ingredients	
Mixtures Composition comments	Only ingredients listed above are notifiable for this product. If none are shown then all ingredients are exempt.,	
4. First-aid measures		
Description of first aid measu	res	
Inhalation	Unlikely route of exposure as the product does not contain volatile substances.	
Ingestion	Do not induce vomiting. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if any discomfort continues.	
Skin Contact	Wash skin thoroughly with soap and water.	
Eye contact	Rinse with water.	
Most important symptoms and effects, both acute and delayed		
Inhalation	Read Section 2 for any specific precautions associated with this product. In general, breathing any type of dust/mist can and may aggravate irritation of the throat and lungs.	

Ingestion	Read Section 2 for any specific precautions associated with the use of this product. Products with specific warnings about ingestion will give guidance there.
Skin contact	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic glazes, clays and special products will tend to have a drying effect on the skin and may cause some sensitivity to users with sensitive skin.
Eye contact	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic and special products contain materials that maybe abrasive to eyes. Keeping materials from contacting the eyes is prudent. If contact does occur, flush with clean water, do not rub.
Indication of immediate medica	al attention and special treatment needed
Notes for the doctor	Treat symptomatically.
5.Fire-fighting measures	
Extinguishing media	
Suitable extinguishing media	Use fire-extinguishing media suitable for the surrounding fire.
Special hazards arising from the	ne substance or mixture
Specific hazards	The product is not believed to present a hazard due to its physical nature.
Advice for firefighters	
Special protective equipment for firefighters	Use protective equipment appropriate for surrounding materials.
6. Accidental release measure	\$
Personal precautions, protectiv	ve equipment and emergency procedures
Personal precautions	For personal protection, see Section 8.
Environmental precautions	
Environmental precautions	Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.
Methods and material for conta	ainment and cleaning up
Methods for cleaning up	Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material.
Reference to other sections	For waste disposal, see Section 13. For personal protection, see Section 8.
7. Handling and storage	
Precautions for safe handling	
Usage precautions	Read label before use. Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.
Conditions for safe storage, in	cluding any incompatibilities
Storage precautions	Store in tightly-closed, original container in a dry and cool place.
Specific end uses(s)	
Specific end use(s)	The identified uses for this product are detailed in Section 1.2.
8. Exposure Controls/personal	protection

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Ingredient comments	Only ingredients listed n Section 3 are notifiable for this product. If none are shown then all ingredients are exempt.
Exposure controls	
Appropriate engineering controls	No specific ventilations requirements unless the "FAN" pictogram is shown above or specified in Section 2.
Eye/face protection	No specific eye protection required unless the "EYE PROTECTION" pictogram is shown above or specified in Section 2.
Hand protection	No specific hand protection required unless the "HAND PROTECTION" pictogram is shown above or specified in Section 2.
Hygiene measures	Using good personal hygiene practices is always appropriate. Keeping a clean work space, cleaning up properly when done, and not eating, drinking or smoking when using this product.
Respiratory protection	No specific respiratory protection required unless the "RESPIRATOR" pictogram is shown above or specified in Section 2. Using the appropriate certified protection for the operation is important if required.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance	Colored liquid.
Color	Various colors.
Odor	Almost odorless.
Odor threshold	No information available.
рН	6-8
Melting point	No information available.
Initial boiling point and range	No information available.
Flash point	No information available.
Evaporation rate	No information available.
Flammability (solid, gas)	No information available.
Upper/lower flammability or explosive limits	No information available.
Vapour pressure	No information available.
Relative density	Greater than 1.0
Solubility(ies)	Not applicable.
Partition coefficient	No information available.
Auto-ignition temperature	Not applicable.
Decomposition Temperature	No information available.
Viscosity	No information available.
Explosive properties	none
Oxidising properties	none
Other information	Not applicable.

10. Stability and reactivity	
Reactivity	There are no known reactivity hazards associated with this product.
Redouvity	
Stability	No particular stability concerns.
Possibility of hazardous reactions	None known.
Conditions to avoid	None known.
Materials to avoid	None known.
Hazardous decomposition products	None known.
11. Toxicological information	
Information on toxicological eff	iects
Toxicological effects	Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any).
Skin corrosion/irritation	
Skin sensitization	
Skin sensitisation	Based on available data the classification criteria are not met.
Eye contact	May cause temporary eye irritation.
12. Ecological Information	
Ecotoxicity	Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.
Toxicity	
Toxicity	Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.
Persistence and degradability	
Persistence and degradability	No data available.
Biodegradation	Not inherently biodegradable.
Bioaccumulative potential	
Partition coefficient	No information available.
Mobility in soil	
Mobility	Semi-mobile.
Results of PBT and vPvB asse	essment
Results of PBT and vPvB assessment	This product does not contain any substances classified as PBT or vPvB.

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Other adverse effects	None known.
13. Disposal considerations	
Waste treatment methods	
General information	Dispose of waste product or used containers in accordance with local regulations When handling waste, the safety precautions applying to handling of the product should be considered.
14. Transport information	
General	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT).
UN Number	
Not applicable.	
UN proper shipping name	
Not applicable.	
Transport hazard class(es)	
No transport warning sign requ	ired.
Packing group	
Not applicable.	
Environmental hazards	
Environmentally Hazardous Su	bstance
	y environmental hazards associated with this product. If H411/H412 warnings are shown then beling requirements for larger volumes.
Special precautions for user	
Not applicable.	
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.
15. Regulatory information	
None of the ingredients are list	nogens and Reproductive Toxins red or exempt.
Inventories Canada - DSL/NDSL	
All the ingredients are listed or	exempt.
US - TSCA All the ingredients are listed or	exempt.
US - TSCA 12(b) Export Notifie All the ingredients are listed or	
16. Other information	

General information	The following are the top 5 materials by weight listed for New Jersey (if applicable):- Water 7732-18-5,Crystalline Silica14808-60-7, Non Lead Frit65997-18-4, Calcium Silicate13983-17- 0 Nepheline Syenite37244-96-5
Revision date	3/10/2016
Revision	2
Supersedes date	3/8/2016
SDS No.	4962

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

SAFETY DATA SHEET C-53 WEEPING PLUM

1. Identification	
Product identifier	
Product name	C-53 WEEPING PLUM
Product number	C-53 WEEPING PLUM
Recommended use of the che	emical and restrictions on use
Application	ceramic glaze
Details of the supplier of the s	safety data sheet
Supplier	American Art Clay Co Inc 6060 Guion Road Indianapolis, IN 46254-1222 USA +1 317 244 6871
Emergency telephone numbe	
Emergency telephone	1 317 244 6871 Mon-Fri, 0900-1700 EST
2. Hazard(s) identification	
Classification of the substanc	e or mixture
Physical hazards	Not Classified
Health hazards	Not Classified
Environmental hazards	Not Classified
Label elements	
Hazard statements	NC Not Classified
Other hazards	
none present.	
3. Composition/information or	n ingredients
Mixtures	
Composition comments	Only ingredients listed above are notifiable for this product. If none are shown then all ingredients are exempt.,
4. First-aid measures	
Description of first aid measu	res
Inhalation	Unlikely route of exposure as the product does not contain volatile substances.
Ingestion	Do not induce vomiting. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if any discomfort continues.
Skin Contact	Wash skin thoroughly with soap and water.
Eye contact	Rinse with water.
Most important symptoms and	d effects, both acute and delayed
Inhalation	Read Section 2 for any specific precautions associated with this product. In general, breathing any type of dust/mist can and may aggravate irritation of the throat and lungs.

Ingestion	Read Section 2 for any specific precautions associated with the use of this product. Products with specific warnings about ingestion will give guidance there.
Skin contact	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic glazes, clays and special products will tend to have a drying effect on the skin and may cause some sensitivity to users with sensitive skin.
Eye contact	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic and special products contain materials that maybe abrasive to eyes. Keeping materials from contacting the eyes is prudent. If contact does occur, flush with clean water, do not rub.
Indication of immediate medica	al attention and special treatment needed
Notes for the doctor	Treat symptomatically.
5.Fire-fighting measures	
Extinguishing media	
Suitable extinguishing media	Use fire-extinguishing media suitable for the surrounding fire.
Special hazards arising from the	ne substance or mixture
Specific hazards	The product is not believed to present a hazard due to its physical nature.
Advice for firefighters	
Special protective equipment for firefighters	Use protective equipment appropriate for surrounding materials.
6. Accidental release measure	S
Personal precautions, protectiv	ve equipment and emergency procedures
Personal precautions	For personal protection, see Section 8.
Environmental precautions	
Environmental precautions	Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.
Methods and material for conta	ainment and cleaning up
Methods for cleaning up	Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material.
Reference to other sections	For waste disposal, see Section 13. For personal protection, see Section 8.
7. Handling and storage	
Precautions for safe handling	
Usage precautions	Read label before use. Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.
Conditions for safe storage, inc	cluding any incompatibilities
Storage precautions	Store in tightly-closed, original container in a dry and cool place.
Specific end uses(s)	
Specific end use(s)	The identified uses for this product are detailed in Section 1.2.
8. Exposure Controls/personal	protection

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Ingredient comments	Only ingredients listed n Section 3 are notifiable for this product. If none are shown then all ingredients are exempt.
Exposure controls	
Appropriate engineering controls	No specific ventilations requirements unless the "FAN" pictogram is shown above or specified in Section 2.
Eye/face protection	No specific eye protection required unless the "EYE PROTECTION" pictogram is shown above or specified in Section 2.
Hand protection	No specific hand protection required unless the "HAND PROTECTION" pictogram is shown above or specified in Section 2.
Hygiene measures	Using good personal hygiene practices is always appropriate. Keeping a clean work space, cleaning up properly when done, and not eating, drinking or smoking when using this product.
Respiratory protection	No specific respiratory protection required unless the "RESPIRATOR" pictogram is shown above or specified in Section 2. Using the appropriate certified protection for the operation is important if required.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance	Colored liquid.
Color	Various colors.
Odor	Almost odorless.
Odor threshold	No information available.
рН	6-8
Melting point	No information available.
Initial boiling point and range	No information available.
Flash point	No information available.
Evaporation rate	No information available.
Flammability (solid, gas)	No information available.
Upper/lower flammability or explosive limits	No information available.
Vapour pressure	No information available.
Relative density	Greater than 1.0
Solubility(ies)	Not applicable.
Partition coefficient	No information available.
Auto-ignition temperature	Not applicable.
Decomposition Temperature	No information available.
Viscosity	No information available.
Explosive properties	none
Oxidising properties	none
Other information	Not applicable.

10. Stability and reactivity There are no known reactivity hazards associated with this product. Stability No particular stability concerns. Possibility of hazardous reactions None known. Conditions to avoid None known. Materials to avoid None known. Hazardous decomposition products None known. 11. Toxicological information None known. Information on toxicological effects Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any). Skin corrosion/inflation Skin sensitization Skin sensitization Based on available data the classification criteria are not met. Eye contact May cause temporary eye irritation. 12. Ecological information Please read Section 2 completely. If any environmental warnings such as; H411 or H41 listed of is Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers. Toxicity Please read Section 2 completely. If any environmental warnings such as; H411 or H411 listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers. Toxicity Please read Section 2 completely. If any environmental warnings such as; H411 or H411 listed in Section 2, please use appropriate procedures when disposing of product and container. Do no	
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Persistence and degradability No data available.	12 are
Biodegradation Not inherently biodegradable.	
Bioaccumulative potential	
Partition coefficient No information available.	
Mobility in soil	
Mobility Semi-mobile.	
Results of PBT and vPvB assessment	
Results of PBT and vPvB This product does not contain any substances classified as PBT or vPvB. assessment This product does not contain any substances classified as PBT or vPvB.	
Other adverse effects	

Other adverse effects	None known.
13. Disposal considerations	
Waste treatment methods	
General information	Dispose of waste product or used containers in accordance with local regulations When handling waste, the safety precautions applying to handling of the product should be considered.
14. Transport information	
General	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT).
UN Number	
Not applicable.	
UN proper shipping name	
Not applicable.	
Transport hazard class(es)	
No transport warning sign req	uired.
Packing group	
Not applicable.	
Environmental hazards	
Environmentally Hazardous S Please refer to Section 2 for a please verify packaging and la	u bstance iny environmental hazards associated with this product. If H411/H412 warnings are shown then abeling requirements for larger volumes.
Special precautions for user	
Not applicable.	
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.
15. Regulatory information	
US State Regulations California Proposition 65 Car None of the ingredients are list	cinogens and Reproductive Toxins sted or exempt.
Inventories	
Canada - DSL/NDSL All the ingredients are listed of	pr exempt.
US - TSCA All the ingredients are listed o	pr exempt.
US - TSCA 12(b) Export Notif All the ingredients are listed of	
16. Other information	

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General information	The following are the top 5 materials by weight listed for New Jersey (if applicable):- Water 7732-18-5,Crystalline Silica14808-60-7, Non Lead Frit65997-18-4, Calcium Silicate13983-17- 0 Nepheline Syenite37244-96-5
Revision date	3/10/2016
Revision	2
Supersedes date	3/8/2016
SDS No.	4963

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

SAFETY DATA SHEET C-56 LAVENDER

1. Identification		
Product identifier		
Product name	C-56 LAVENDER	
Product number	C-56 LAVENDER	
Recommended use of the che	emical and restrictions on use	
Application	ceramic glaze	
Details of the supplier of the safety data sheet		
Supplier	American Art Clay Co Inc 6060 Guion Road Indianapolis, IN 46254-1222 USA +1 317 244 6871	
Emergency telephone numbe	ŗ	
Emergency telephone	1 317 244 6871 Mon-Fri, 0900-1700 EST	
2. Hazard(s) identification		
Classification of the substance or mixture		
Physical hazards	Not Classified	
Health hazards	Not Classified	
Environmental hazards	Not Classified	
Label elements		
Hazard statements	NC Not Classified	
Other hazards		
none present.		
3. Composition/information or	ningredients	
<u>Mixtures</u> Composition comments	Only ingredients listed above are notifiable for this product. If none are shown then all ingredients are exempt.,	
4. First-aid measures		
Description of first aid measu	res	
Inhalation	Unlikely route of exposure as the product does not contain volatile substances.	
Ingestion	Do not induce vomiting. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if any discomfort continues.	
Skin Contact	Wash skin thoroughly with soap and water.	
Eye contact	Rinse with water.	
Most important symptoms and	d effects, both acute and delayed	
Inhalation	Read Section 2 for any specific precautions associated with this product. In general, breathing any type of dust/mist can and may aggravate irritation of the throat and lungs.	

C-56 LAVENDER

Ingestion Read Section 2 for any specific precautions associated with the use of this product. Products with specific warnings about ingestion will give guidance there. Skin contact Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic glazes, clays and special products will tend to have a drying effect on the skin and may cause some sensitivity to users with sensitive skin. Read Section 2 for any specific precautions associated with the use of this product. In general Eye contact most ceramic and special products contain materials that maybe abrasive to eyes. Keeping materials from contacting the eyes is prudent. If contact does occur, flush with clean water, do not rub. Indication of immediate medical attention and special treatment needed Notes for the doctor Treat symptomatically. 5.Fire-fighting measures Extinguishing media Suitable extinguishing media Use fire-extinguishing media suitable for the surrounding fire. Special hazards arising from the substance or mixture Specific hazards The product is not believed to present a hazard due to its physical nature. Advice for firefighters Special protective equipment Use protective equipment appropriate for surrounding materials. for firefighters 6. Accidental release measures Personal precautions, protective equipment and emergency procedures Personal precautions For personal protection, see Section 8. **Environmental precautions Environmental precautions** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers. Methods and material for containment and cleaning up Methods for cleaning up Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material. Reference to other sections For waste disposal, see Section 13. For personal protection, see Section 8. 7. Handling and storage Precautions for safe handling Usage precautions Read label before use. Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Conditions for safe storage, including any incompatibilities Store in tightly-closed, original container in a dry and cool place. Storage precautions Specific end uses(s) Specific end use(s) The identified uses for this product are detailed in Section 1.2. 8. Exposure Controls/personal protection

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C-56 LAVENDER

Ingredient comments	Only ingredients listed n Section 3 are notifiable for this product. If none are shown then all ingredients are exempt.
Exposure controls	
Appropriate engineering controls	No specific ventilations requirements unless the "FAN" pictogram is shown above or specified in Section 2.
Eye/face protection	No specific eye protection required unless the "EYE PROTECTION" pictogram is shown above or specified in Section 2.
Hand protection	No specific hand protection required unless the "HAND PROTECTION" pictogram is shown above or specified in Section 2.
Hygiene measures	Using good personal hygiene practices is always appropriate. Keeping a clean work space, cleaning up properly when done, and not eating, drinking or smoking when using this product.
Respiratory protection	No specific respiratory protection required unless the "RESPIRATOR" pictogram is shown above or specified in Section 2. Using the appropriate certified protection for the operation is important if required.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance	Colored liquid.
Color	Various colors.
Odor	Almost odorless.
Odor threshold	No information available.
рН	6-8
Melting point	No information available.
Initial boiling point and range	No information available.
Flash point	No information available.
Evaporation rate	No information available.
Flammability (solid, gas)	No information available.
Upper/lower flammability or explosive limits	No information available.
Vapour pressure	No information available.
Relative density	Greater than 1.0
Solubility(ies)	Not applicable.
Partition coefficient	No information available.
Auto-ignition temperature	Not applicable.
Decomposition Temperature	No information available.
Viscosity	No information available.
Explosive properties	none
Oxidising properties	none
Other information	Not applicable.

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10. Stability and reactivity	
Reactivity	There are no known reactivity hazards associated with this product.
Stability	No particular stability concerns.
Possibility of hazardous reactions	None known.
Conditions to avoid	None known.
Materials to avoid	None known.
Hazardous decomposition products	None known.
11. Toxicological information	
Information on toxicological eff	iects
Toxicological effects	Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any).
Skin corrosion/irritation	
Skin sensitization	
Skin sensitisation	Based on available data the classification criteria are not met.
Eye contact	May cause temporary eye irritation.
12. Ecological Information	
Ecotoxicity	Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.
Toxicity	
Toxicity	Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.
Persistence and degradability	
Persistence and degradability	No data available.
Biodegradation	Not inherently biodegradable.
Bioaccumulative potential	
Partition coefficient	No information available.
Mobility in soil	
Mobility	Semi-mobile.
Results of PBT and vPvB asse	essment
Results of PBT and vPvB assessment	This product does not contain any substances classified as PBT or vPvB.

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Other adverse effects	None known.
13. Disposal considerations	
Waste treatment methods	
General information	Dispose of waste product or used containers in accordance with local regulations When handling waste, the safety precautions applying to handling of the product should be considered.
14. Transport information	
General	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT).
UN Number	
Not applicable.	
UN proper shipping name	
Not applicable.	
Transport hazard class(es)	
No transport warning sign requ	ired.
Packing group	
Not applicable.	
Environmental hazards	
Environmentally Hazardous Su	bstance
Please refer to Section 2 for an please verify packaging and lat	y environmental hazards associated with this product. If H411/H412 warnings are shown then beling requirements for larger volumes.
Special precautions for user	
Not applicable.	
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.
15. Regulatory information	
US State Regulations California Proposition 65 Carci None of the ingredients are list	nogens and Reproductive Toxins red or exempt.
Inventories	
Canada - DSL/NDSL All the ingredients are listed or	exempt.
US - TSCA All the ingredients are listed or	exempt.
US - TSCA 12(b) Export Notifie All the ingredients are listed or	
16. Other information	

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General information	The following are the top 5 materials by weight listed for New Jersey (if applicable):- Water 7732-18-5,Crystalline Silica14808-60-7, Non Lead Frit65997-18-4, Calcium Silicate13983-17- 0 Nepheline Syenite37244-96-5
Revision date	3/10/2016
Revision	2
Supersedes date	3/8/2016
SDS No.	4964

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This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

SAFETY DATA SHEET C-60 MARIGOLD

1 Identification	
1. Identification	
Product identifier	
Product name	C-60 MARIGOLD
Product number	C-60 MARIGOLD
Recommended use of the ch	emical and restrictions on use
Application	ceramic glaze
Details of the supplier of the	safety data sheet
Supplier	American Art Clay Co Inc 6060 Guion Road Indianapolis, IN 46254-1222 USA +1 317 244 6871
Emergency telephone number	er
Emergency telephone	1 317 244 6871 Mon-Fri, 0900-1700 EST
2. Hazard(s) identification	
Classification of the substand	ce or mixture
Physical hazards	Not Classified
Health hazards	Not Classified
Environmental hazards	Not Classified
Label elements	
Hazard statements	NC Not Classified
Other hazards	
none present.	
3. Composition/information o	n ingredients
Mixtures	
Composition comments	Only ingredients listed above are notifiable for this product. If none are shown then all ingredients are exempt.,
4. First-aid measures	
Description of first aid measu	ires
Inhalation	Unlikely route of exposure as the product does not contain volatile substances.
Ingestion	Do not induce vomiting. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if any discomfort continues.
Skin Contact	Wash skin thoroughly with soap and water.
Eye contact	Rinse with water.
Most important symptoms ar	d effects, both acute and delayed
Inhalation	Read Section 2 for any specific precautions associated with this product. In general, breathing any type of dust/mist can and may aggravate irritation of the throat and lungs.

Ingestion Read Section 2 for any specific precautions associated with the use of this product. Products with specific warnings about ingestion will give guidance there. Skin contact Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic glazes, clays and special products will tend to have a drying effect on the skin and may cause some sensitivity to users with sensitive skin. Read Section 2 for any specific precautions associated with the use of this product. In general Eye contact most ceramic and special products contain materials that maybe abrasive to eyes. Keeping materials from contacting the eyes is prudent. If contact does occur, flush with clean water, do not rub. Indication of immediate medical attention and special treatment needed Notes for the doctor Treat symptomatically. 5.Fire-fighting measures Extinguishing media Suitable extinguishing media Use fire-extinguishing media suitable for the surrounding fire. Special hazards arising from the substance or mixture Specific hazards The product is not believed to present a hazard due to its physical nature. Advice for firefighters Special protective equipment Use protective equipment appropriate for surrounding materials. for firefighters 6. Accidental release measures Personal precautions, protective equipment and emergency procedures Personal precautions For personal protection, see Section 8. **Environmental precautions Environmental precautions** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers. Methods and material for containment and cleaning up Methods for cleaning up Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material. Reference to other sections For waste disposal, see Section 13. For personal protection, see Section 8. 7. Handling and storage Precautions for safe handling Usage precautions Read label before use. Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Conditions for safe storage, including any incompatibilities Store in tightly-closed, original container in a dry and cool place. Storage precautions Specific end uses(s) Specific end use(s) The identified uses for this product are detailed in Section 1.2. 8. Exposure Controls/personal protection

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Ingredient comments	Only ingredients listed n Section 3 are notifiable for this product. If none are shown then all ingredients are exempt.
Exposure controls	
Appropriate engineering controls	No specific ventilations requirements unless the "FAN" pictogram is shown above or specified in Section 2.
Eye/face protection	No specific eye protection required unless the "EYE PROTECTION" pictogram is shown above or specified in Section 2.
Hand protection	No specific hand protection required unless the "HAND PROTECTION" pictogram is shown above or specified in Section 2.
Hygiene measures	Using good personal hygiene practices is always appropriate. Keeping a clean work space, cleaning up properly when done, and not eating, drinking or smoking when using this product.
Respiratory protection	No specific respiratory protection required unless the "RESPIRATOR" pictogram is shown above or specified in Section 2. Using the appropriate certified protection for the operation is important if required.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance	Colored liquid.
Color	Various colors.
Odor	Almost odorless.
Odor threshold	No information available.
рН	6-8
Melting point	No information available.
Initial boiling point and range	No information available.
Flash point	No information available.
Evaporation rate	No information available.
Flammability (solid, gas)	No information available.
Upper/lower flammability or explosive limits	No information available.
Vapour pressure	No information available.
Relative density	Greater than 1.0
Solubility(ies)	Not applicable.
Partition coefficient	No information available.
Auto-ignition temperature	Not applicable.
Decomposition Temperature	No information available.
Viscosity	No information available.
Explosive properties	none
Oxidising properties	none
Other information	Not applicable.

10. Stability and reactivity	
Reactivity	There are no known reactivity hazards associated with this product.
Stability	No particular stability concerns.
Possibility of hazardous reactions	None known.
Conditions to avoid	None known.
Materials to avoid	None known.
Hazardous decomposition products	None known.
11. Toxicological information	
Information on toxicological eff	fects
Toxicological effects	Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any).
Skin corrosion/irritation	
Skin sensitization	
Skin sensitisation	Based on available data the classification criteria are not met.
Eye contact	May cause temporary eye irritation.
12. Ecological Information	
Ecotoxicity	Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.
Toxicity	
Toxicity	Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.
Persistence and degradability	
Persistence and degradability	No data available.
Biodegradation	Not inherently biodegradable.
Bioaccumulative potential	
Partition coefficient	No information available.
Mobility in soil	
Mobility	Semi-mobile.
Results of PBT and vPvB asse	essment
Results of PBT and vPvB assessment	This product does not contain any substances classified as PBT or vPvB.
Other adverse effects	

Other adverse effects	None known.	
13. Disposal considerations		
Waste treatment methods		
General information	Dispose of waste product or used containers in accordance with local regulations When handling waste, the safety precautions applying to handling of the product should be considered.	
14. Transport information		
General	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT).	
UN Number		
Not applicable.		
UN proper shipping name		
Not applicable.		
Transport hazard class(es)		
No transport warning sign req	uired.	
Packing group		
Not applicable.		
Environmental hazards		
Environmentally Hazardous S		
Please refer to Section 2 for a please verify packaging and la	ny environmental hazards associated with this product. If H411/H412 warnings are shown then abeling requirements for larger volumes.	
Special precautions for user		
Not applicable.		
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.	
15. Regulatory information		
US State Regulations		
California Proposition 65 Carcinogens and Reproductive Toxins None of the ingredients are listed or exempt.		
Inventories		
Canada - DSL/NDSL		
All the ingredients are listed or exempt.		
US - TSCA		
All the ingredients are listed o	or exempt.	
	US - TSCA 12(b) Export Notification	
All the ingredients are listed o	r exempt.	
16. Other information		

General information	The following are the top 5 materials by weight listed for New Jersey (if applicable):- Water 7732-18-5,Crystalline Silica14808-60-7, Non Lead Frit65997-18-4, Calcium Silicate13983-17- 0 Nepheline Syenite37244-96-5
Revision date	3/10/2016
Revision	2
Supersedes date	3/8/2016
SDS No.	4965

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