

Revision date: 8/1/2016

Revision: 4

Supersedes date: 7/27/2016

**SAFETY DATA SHEET
SH - 12 CHAI MATTE**

.30495-1002

1. Identification**Product identifier****Product name** SH - 12 CHAI MATTE**Product number** SH - 12 CHAI MATTE**Recommended use of the chemical 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
Toll Free: 1-800-925-5195 ext. 1303
Local: 1-317-243-0066 ext. 1303

Emergency telephone number**Emergency telephone** 1 317 243 0066 ext. 1303 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 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 measures****General information** --**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**

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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 for firefighters 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

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.

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SH - 12 CHAI MATTE**8. Exposure Controls/personal protection****Control parameters**

Ingredient comments Only ingredients listed in Section 3 are notifiable for this product. If none are shown then all ingredients are exempt.

Exposure controls

Appropriate engineering controls No specific ventilation 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.
pH	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.
Vapor 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

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Oxidizing 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 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 sensitization 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 assessment

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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 required.

Packing group

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 Annex II of MARPOL 73/78 and the IBC Code Not applicable.

15. Regulatory Information**International Regulations****US State Regulations****California Proposition 65 Carcinogens and Reproductive Toxins**

None of the ingredients are listed or exempt.

Massachusetts "Right To Know" List

silica

10-30%

calcium carbonate and dolomite

10-30%

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SH - 12 CHAI MATTE*Hydrated Aluminium Silicate*

1-5%

red iron oxide

1-5%

aluminium oxide

<1%

2-aminoethanol

<1%

Rhode Island "Right To Know" List*silica*

10-30%

calcium carbonate and dolomite

10-30%

Hydrated Aluminium Silicate

1-5%

red iron oxide

1-5%

aluminium oxide

<1%

2-aminoethanol

<1%

Minnesota "Right To Know" List*silica*

10-30%

calcium carbonate and dolomite

10-30%

Hydrated Aluminium Silicate

1-5%

red iron oxide

1-5%

aluminium oxide

<1%

2-aminoethanol

<1%

New Jersey "Right To Know" List*silica*

10-30%

calcium carbonate and dolomite

10-30%

Hydrated Aluminium Silicate

1-5%

Tin Oxide

1-5%

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Supersedes date: 7/27/2016

SH - 12 CHAI MATTE*red iron oxide*

1-5%

aluminium oxide

<1%

2-aminoethanol

<1%

Pennsylvania "Right To Know" List*silica*

10-30%

calcium carbonate and dolomite

10-30%

Hydrated Aluminium Silicate

1-5%

red iron oxide

1-5%

aluminium oxide

<1%

2-aminoethanol

<1%

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, Spodumene1302-37-0, Crystalline Silica14808-60-7, Dolomite1317-65-3, Hydrated Aluminum Silicate1332-58-7
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SDS No.	5576

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.

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Supersedes date: 7/27/2016

**SAFETY DATA SHEET
SH - 22 ACAI MATTE**

1. Identification**Product Identifier****Product name** SH - 22 ACAI MATTE**Product number** SH - 22 ACAI MATTE**Recommended use of the chemical 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
Toll Free: 1-800-925-5195 ext. 1303
Local: 1-317-243-0066 ext. 1303

Emergency telephone number**Emergency telephone** 1 317 243 0066 ext. 1303 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 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 measures****General information** -**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**

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Supersedes date: 7/27/2016

SH - 22 ACAI MATTE

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 for firefighters 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

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.

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SH - 22 ACAI MATTE**8. Exposure Controls/personal protection****Control parameters**

Ingredient comments Only ingredients listed in Section 3 are notifiable for this product. If none are shown then all ingredients are exempt.

Exposure controls

Appropriate engineering controls No specific ventilation 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.
pH	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.
Vapor 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

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SH - 22 ACAI MATTE**Oxidizing 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 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 sensitization** 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 assessment**

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SH - 22 ACAI MATTE

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 required.

Packing group

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 Annex II of MARPOL 73/78 and the IBC Code Not applicable.

15. Regulatory information**International Regulations****US State Regulations****California Proposition 65 Carcinogens and Reproductive Toxins**

None of the ingredients are listed or exempt.

Massachusetts "Right To Know" List**2-aminoethanol**

<1%

aluminium oxide

1-5%

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SH - 22 ACAI MATTE*red iron oxide*

1-5%

silica

10-30%

calcium carbonate and dolomite

10-30%

Hydrated Aluminium Silicate

1-5%

Rhode Island "Right To Know" List*2-aminoethanol*

<1%

aluminium oxide

1-5%

red iron oxide

1-5%

silica

10-30%

calcium carbonate and dolomite

10-30%

Hydrated Aluminium Silicate

1-5%

Minnesota "Right To Know" List*2-aminoethanol*

<1%

aluminium oxide

1-5%

red iron oxide

1-5%

silica

10-30%

calcium carbonate and dolomite

10-30%

Hydrated Aluminium Silicate

1-5%

New Jersey "Right To Know" List*2-aminoethanol*

<1%

Tin Oxide

1-5%

aluminium oxide

1-5%

red iron oxide

1-5%

Revision date: 8/1/2016

Revision: 4

Supersedes date: 7/27/2016

SH - 22 ACAI MATTE*silica*

10-30%

calcium carbonate and dolomite

10-30%

Hydrated Aluminium Silicate

1-5%

Pennsylvania "Right To Know" List*2-aminoethanol*

<1%

aluminium oxide

1-5%

red iron oxide

1-5%

silica

10-30%

calcium carbonate and dolomite

10-30%

Hydrated Aluminium Silicate

1-5%

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, Spodumene1302-37-0, Crystalline Silica14808-60-7, Dolomite1317-65-3, Hydrated Aluminum Silicate1332-58-7
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Supersedes date	7/27/2016
SDS No.	5578

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.

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SAFETY DATA SHEET SH - 32 CACAO MATTE

1. Identification

Product identifier

Product name SH - 32 CACAO MATTE

Product number SH - 32 CACAO MATTE

Recommended use of the chemical 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
Toll Free: 1-800-925-5195 ext. 1303
Local: 1-317-243-0066 ext. 1303

Emergency telephone number

Emergency telephone 1 317 243 0066 ext. 1303 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 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 measures

General information —

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

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Revision: 4

Supersedes date: 7/27/2016

SH - 32 CACAO MATTE

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 for firefighters 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

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.

Revision date: 8/1/2016

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Supersedes date: 7/27/2016

SH - 32 CACAO MATTE**8. Exposure Controls/personal protection****Control parameters**

Ingredient comments Only ingredients listed in Section 3 are notifiable for this product. If none are shown then all ingredients are exempt.

Exposure controls

Appropriate engineering controls No specific ventilation 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.
pH	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.
Vapor 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

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SH - 32 CACAO MATTE

Oxidizing 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 effects**

Toxicological effects Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any).

Acute toxicity - oral

ATE oral (mg/kg) 32,679.74

Acute toxicity - inhalation

ATE Inhalation (dusts/mists mg/l) 98.04

Skin corrosion/irritation**Skin sensitization**

Skin sensitization 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

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SH - 32 CACAO MATTE**Partition coefficient** No information available.**Mobility in soil****Mobility** Semi-mobile.**Results of PBT and vPvB assessment****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 required.

Packing group

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 Annex II of MARPOL 73/78 and the IBC Code Not applicable.**15. Regulatory information****International Regulations****US State Regulations****California Proposition 65 Carcinogens and Reproductive Toxins**
None of the ingredients are listed or exempt.

Revision date: 8/1/2016

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SH - 32 CACAO MATTE

Massachusetts "Right To Know" List

silica

10-30%

2-aminoethanol

<1%

calcium carbonate and dolomite

10-30%

Hydrated Aluminium Silicate

1-5%

aluminium oxide

1-5%

red iron oxide

1-5%

Rhode Island "Right To Know" List

silica

10-30%

2-aminoethanol

<1%

calcium carbonate and dolomite

10-30%

Hydrated Aluminium Silicate

1-5%

aluminium oxide

1-5%

red iron oxide

1-5%

Minnesota "Right To Know" List

silica

10-30%

2-aminoethanol

<1%

calcium carbonate and dolomite

10-30%

Hydrated Aluminium Silicate

1-5%

aluminium oxide

1-5%

red iron oxide

1-5%

New Jersey "Right To Know" List

silica

10-30%

Revision date: 8/1/2016

Revision: 4

Supersedes date: 7/27/2016

SH - 32 CACAO MATTE*calcium carbonate and dolomite*

10-30%

Hydrated Aluminium Silicate

1-5%

Tin Oxide

1-5%

aluminium oxide

1-5%

red iron oxide

1-5%

manganese dioxide

1-5%

Pennsylvania "Right To Know" List*silica*

10-30%

2-aminoethanol

<1%

calcium carbonate and dolomite

10-30%

Hydrated Aluminium Silicate

1-5%

aluminium oxide

1-5%

red iron oxide

1-5%

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, Spodumene1302-37-0, Crystalline Silica14808-60-7, Dolomite1317-65-3, Hydrated Aluminum Silicate1332-58-7
Revision date	8/1/2016
Revision	4
Supersedes date	7/27/2016
SDS No.	5580

Revision date: 8/1/2016

Revision: 4

Supersedes date: 7/27/2016

SH - 32 CACAO MATTE

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.

Revision date: 8/1/2016

Revision: 4

Supersedes date: 7/27/2016

SAFETY DATA SHEET SH - 42 OOLONG MATTE

1. Identification

Product Identifier

Product name SH - 42 OOLONG MATTE

Product number SH - 42 OOLONG MATTE

Recommended use of the chemical 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
Toll Free: 1-800-925-5195 ext. 1303
Local: 1-317-243-0066 ext. 1303

Emergency telephone number

Emergency telephone 1 317 243 0066 ext. 1303 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 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 measures

General information --

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

Revision date: 8/1/2016

Revision: 4

Supersedes date: 7/27/2016

SH - 42 OOLONG MATTE

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 for firefighters 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

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.

Revision date: 8/1/2016

Revision: 4

Supersedes date: 7/27/2016

SH - 42 OOLONG MATTE**8. Exposure Controls/personal protection****Control parameters**

Ingredient comments Only ingredients listed in Section 3 are notifiable for this product. If none are shown then all ingredients are exempt.

Exposure controls

Appropriate engineering controls No specific ventilation 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.
pH	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.
Vapor 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

Revision date: 8/1/2016

Revision: 4

Supersedes date: 7/27/2016

SH - 42 OOLONG MATTE**Oxidizing 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 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 sensitization** 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 assessment**

Revision date: 8/1/2016

Revision: 4

Supersedes date: 7/27/2016

SH - 42 OOLONG MATTE

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 required.

Packing group

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 Annex II of MARPOL 73/78 and the IBC Code Not applicable.

15. Regulatory Information**International Regulations****US State Regulations****California Proposition 65 Carcinogens and Reproductive Toxins**

None of the ingredients are listed or exempt.

Massachusetts "Right To Know" List***2-aminoethanol***

<1%

calcium carbonate and dolomite

10-30%

Revision date: 8/1/2016

Revision: 4

Supersedes date: 7/27/2016

SH - 42 OOLONG MATTE*Hydrated Aluminium Silicate*

1-5%

red iron oxide

1-5%

aluminium oxide

<1%

silica

10-30%

Rhode Island "Right To Know" List*2-aminoethanol*

<1%

calcium carbonate and dolomite

10-30%

Hydrated Aluminium Silicate

1-5%

red iron oxide

1-5%

aluminium oxide

<1%

silica

10-30%

Minnesota "Right To Know" List*2-aminoethanol*

<1%

calcium carbonate and dolomite

10-30%

Hydrated Aluminium Silicate

1-5%

red iron oxide

1-5%

aluminium oxide

<1%

silica

10-30%

New Jersey "Right To Know" List*2-aminoethanol*

<1%

calcium carbonate and dolomite

10-30%

Hydrated Aluminium Silicate

1-5%

Tin Oxide

1-5%

Revision date: 8/1/2016

Revision: 4

Supersedes date: 7/27/2016

SH - 42 OOLONG MATTE*red iron oxide*

1-5%

aluminium oxide

<1%

silica

10-30%

Pennsylvania "Right To Know" List*2-aminoethanol*

<1%

calcium carbonate and dolomite

10-30%

Hydrated Aluminium Silicate

1-5%

red iron oxide

1-5%

aluminium oxide

<1%

silica

10-30%

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, Spodumene1302-37-0, Crystalline Silica14808-60-7, Dolomite1317-65-3, Hydrated Aluminum Silicate1332-58-7
Revision date	8/1/2016
Revision	4
Supersedes date	7/27/2016
SDS No.	5582

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.

Revision date: 8/1/2016

Revision: 4

Supersedes date: 7/27/2016

**SAFETY DATA SHEET
SH - 46 MATCHA MATTE****1. Identification****Product Identifier****Product name** SH - 46 MATCHA MATTE**Product number** SH - 46 MATCHA MATTE**Recommended use of the chemical 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
Toll Free: 1-800-925-5195 ext. 1303
Local: 1-317-243-0066 ext. 1303**Emergency telephone number****Emergency telephone** 1 317 243 0066 ext. 1303 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 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 measures****General information** -**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**

Revision date: 8/1/2016

Revision: 4

Supersedes date: 7/27/2016

SH - 46 MATCHA MATTE

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 for firefighters 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

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.

Revision date: 8/1/2016

Revision: 4

Supersedes date: 7/27/2016

SH - 46 MATCHA MATTE**8. Exposure Controls/personal protection****Control parameters**

Ingredient comments Only ingredients listed in Section 3 are notifiable for this product. If none are shown then all ingredients are exempt.

Exposure controls

Appropriate engineering controls No specific ventilation 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.
pH	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.
Vapor 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

Revision date: 8/1/2016

Revision: 4

Supersedes date: 7/27/2016

SH - 46 MATCHA MATTE

Oxidizing 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 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 sensitization 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 assessment

Revision date: 8/1/2016

Revision: 4

Supersedes date: 7/27/2016

SH - 46 MATCHA MATTE

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 required.

Packing group

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 Annex II of MARPOL 73/78 and the IBC Code Not applicable.

15. Regulatory Information**International Regulations****US State Regulations**

California Proposition 65 Carcinogens and Reproductive Toxins
None of the ingredients are listed or exempt.

Massachusetts "Right To Know" List***silica***

10-30%

calcium carbonate and dolomite

10-30%

Revision date: 8/1/2016

Revision: 4

Supersedes date: 7/27/2016

SH - 46 MATCHA MATTE*2-aminoethanol*

<1%

red iron oxide

1-5%

aluminium oxide

<1%

Hydrated Aluminium Silicate

1-5%

Rhode Island "Right To Know" List*silica*

10-30%

calcium carbonate and dolomite

10-30%

2-aminoethanol

<1%

red iron oxide

1-5%

Hydrated Aluminium Silicate

1-5%

Minnesota "Right To Know" List*silica*

10-30%

calcium carbonate and dolomite

10-30%

2-aminoethanol

<1%

red iron oxide

1-5%

aluminium oxide

<1%

Hydrated Aluminium Silicate

1-5%

New Jersey "Right To Know" List*silica*

10-30%

calcium carbonate and dolomite

10-30%

red iron oxide

1-5%

aluminium oxide

<1%

Hydrated Aluminium Silicate

1-5%

Revision date: 8/1/2016

Revision: 4

Supersedes date: 7/27/2016

SH - 46 MATCHA MATTE*Tin Oxide*

1-5%

Pennsylvania "Right To Know" List*silica*

10-30%

calcium carbonate and dolomite

10-30%

2-aminoethanol

<1%

red iron oxide

1-5%

aluminium oxide

<1%

Hydrated Aluminium Silicate

1-5%

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, Spodumene1302-37-0, Crystalline Silica14808-60-7, Dolomite1317-65-3, Hydrated Aluminum Silicate1332-58-7
Revision date	8/1/2016
Revision	4
Supersedes date	7/27/2016
SDS No.	5584

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.

Revision date: 8/1/2016

Revision: 4

Supersedes date: 7/27/2016

SAFETY DATA SHEET
SH - 52 HIBISCUS MATTE

1. Identification**Product Identifier****Product name** SH - 52 HIBISCUS MATTE**Product number** SH - 52 HIBISCUS MATTE**Recommended use of the chemical 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
Toll Free: 1-800-925-5195 ext. 1303
Local: 1-317-243-0066 ext. 1303

Emergency telephone number**Emergency telephone** 1 317 243 0066 ext. 1303 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 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 measures****General information** --**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**

Revision date: 8/1/2016

Revision: 4

Supersedes date: 7/27/2016

SH - 52 HIBISCUS MATTE

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 for firefighters 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

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.

Revision date: 8/1/2016

Revision: 4

Supersedes date: 7/27/2016

SH - 52 HIBISCUS MATTE**8. Exposure Controls/personal protection****Control parameters**

Ingredient comments Only ingredients listed in Section 3 are notifiable for this product. If none are shown then all ingredients are exempt.

Exposure controls

Appropriate engineering controls No specific ventilation 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.
pH	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.
Vapor 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

Revision date: 8/1/2016

Revision: 4

Supersedes date: 7/27/2016

SH - 52 HIBISCUS MATTE

Oxidizing 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 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 sensitization 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 assessment

Revision date: 8/1/2016

Revision: 4

Supersedes date: 7/27/2016

SH - 52 HIBISCUS MATTE

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 required.

Packing group

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 Annex II of MARPOL 73/78 and the IBC Code Not applicable.

15. Regulatory Information**International Regulations****US State Regulations****California Proposition 65 Carcinogens and Reproductive Toxins**

None of the ingredients are listed or exempt.

Massachusetts "Right To Know" List***2-aminoethanol***

<1%

calcium carbonate and dolomite

10-30%

Revision date: 8/1/2016

Revision: 4

Supersedes date: 7/27/2016

SH - 52 HIBISCUS MATTE*Hydrated Aluminium Silicate*

1-5%

silica

10-30%

red iron oxide

1-5%

aluminium oxide

<1%

Rhode Island "Right To Know" List*2-aminoethanol*

<1%

calcium carbonate and dolomite

10-30%

Hydrated Aluminium Silicate

1-5%

silica

10-30%

red iron oxide

1-5%

aluminium oxide

<1%

Minnesota "Right To Know" List*2-aminoethanol*

<1%

calcium carbonate and dolomite

10-30%

Hydrated Aluminium Silicate

1-5%

silica

10-30%

red iron oxide

1-5%

aluminium oxide

<1%

New Jersey "Right To Know" List*2-aminoethanol*

<1%

calcium carbonate and dolomite

10-30%

Hydrated Aluminium Silicate

1-5%

silica

10-30%

Revision date: 8/1/2016

Revision: 4

Supersedes date: 7/27/2016

SH - 52 HIBISCUS MATTE***Tin Oxide***

1-5%

red iron oxide

1-5%

aluminium oxide

<1%

Pennsylvania "Right To Know" List***2-aminoethanol***

<1%

calcium carbonate and dolomite

10-30%

Hydrated Aluminium Silicate

1-5%

silica

10-30%

red iron oxide

1-5%

aluminium oxide

<1%

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, Spodumene1302-37-0, Crystalline Silica14808-60-7, Dolomite1317-65-3, Hydrated Aluminum Silicate1332-58-7
Revision date	8/1/2016
Revision	4
Supersedes date	7/27/2016
SDS No.	5586

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.