### SAFETY DATA SHEET R 10 CLEAR CRACKLE

1. Identification		
Product identifier		
Product name	R 10 CLEAR CRACKLE	
Product number	R 10 CLEAR CRACKLE	
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	
<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	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 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	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, 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		

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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.

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### **R 10 CLEAR CRACKLE**

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/initiation       Skin sensitization         Skin sensitization       Based on available data the classification criteria are not met.         Eye contact       May cause temporary eye irritation.         12. Ecological Information       Iisted in Section 2 completely. If any environmental warnings such as; H411 or H41 listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or severs.         Toxicity       Please read Section 2 completely. If any environmental warnings such as; H411 or H41 listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or severs.         Toxicity       Please read Section 2 completely. If any environmental warnings such as; H411 or H41 listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put		
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	12 are	
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		
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		

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Waste treatment methods       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       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 (IMDO, IATA, DoT).         JN Number       The product is not covered by international regulations on the transport of dangerous goods (IMDO, IATA, DoT).         JN Number       State applicable.         So transport hazard class(es)       Not applicable.         No transport warning sign required.       Packing group         Not tapplicable.       Profound I hazards         Environmental hazards       Prove environmental hazards associated with this product. If H411/H412 warnings are shown then black everify backaging and labeling requirements for larger volumes.         Special precautions for user       Not applicable.         If reaposition bulk according to Not applicable.       Not applicable.         If Regulatories       State Regulations         California Proposition 65 Carcinogens and Reproductive Toxins       None of the ingredients are listed or exempt.         US - TSCA       All the ingredients are listed or exempt.         US -	Other adverse effects	None known.	
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Seneral       The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT).         JN Number       Not applicable.         Not applicable.       Import shipping name         Vot tapplicable.       Import shipping name         Vot tapplicable.       Import shipping name         Vot tapplicable.       Import shipping name         Packing group       Vot tapplicable.         Serviconmental hazards       Import shipping name         Packing group       Vot applicable.         Serviconmental hazards       Import shipping name         Packing ing and labeling requirements for larger volumes.       Special precautions for user         Vot applicable.       Import in bulk according to Not applicable.         Innex II of MARPOL 7378       Import shipping name         State Regulations       Import shipping name         California Proposition 65 Carcinogens and Reproductive Toxins       None of the ingredients are listed or exempt.         US - TSCA       All the ingredients are listed or exempt.       Impredients are listed or exempt.         US	General information	handling waste, the safety precautions applying to handling of the product should be	
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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  I5. Regulatory information  JS 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 II the ingredients are listed or exempt.	Environmental hazards		
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US - TSCA 12(b) Export Notification All the ingredients are listed or exempt.	US - TSCA		
All the ingredients are listed or exempt.	All the ingredients are listed	or exempt.	
16. Other information			
	16. Other information		

General information	The following are the top 5 materials by weight listed for New Jersey (if applicable):- Water 7732-18-5. Non Lead Frit65997-18-4, Hydrated Aluminum Silicate1332-58-7, Crystalline Silica 14808-60-7 Zirconium Alumina Silicate10101-52-7
Revision date	5/10/2016
Revision	4
Supersedes date	3/10/2016
SDS No.	5498

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.