SAFETY DATA SHEET Semi-Moist Decorating, BRIGHT YELLOW

1. Identification		
Product identifier		
Product name	Semi-Moist Decorating, BRIGHT YELLOW	
Product number	Semi-Moist Decorating, BRIGHT YELLOW	
Recommended use of the che	emical and restrictions on use	
Application	Ceramic underglaze	
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 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 measur	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	l 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.	

Specific end uses(s) Specific end use(s)	The identified uses for this product are detailed in Section 1.2.
Specific end uses(s)	
Storage precautions	Store in tightly-closed, original container in a dry and cool place.
Conditions for safe storage, inc	cluding any incompatibilities
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.
Precautions for safe handling	
7. Handling and storage	
Reference to other sections	For waste disposal, see Section 13. For personal protection, see Section 8.
Methods for cleaning up	Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material.
Methods and material for conta	• ·
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.
Personal precautions	For personal protection, see Section 8.
	ve equipment and emergency procedures
6. Accidental release measure	S
Advice for firefighters Special protective equipment for firefighters	Use protective equipment appropriate for surrounding materials.
Specific hazards	The product is not believed to present a hazard due to its physical nature.
Special hazards arising from th	
Suitable extinguishing media	Use fire-extinguishing media suitable for the surrounding fire.
Extinguishing media	
5.Fire-fighting measures	
Notes for the doctor	Treat symptomatically.
Indication of immediate medica	al attention and special treatment needed
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.
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.
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.
Ingestion	

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 ef	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 re	equired.	
Packing group		
Not applicable.		
Environmental hazards		
Environmentally Hazardous Please refer to Section 2 for please verify packaging and	Substance r any environmental hazards associated with this product. If H411/H412 warnings are shown then I labeling requirements for larger volumes.	
Special precautions for user		
Not applicable.	-	
Transport in bulk according Annex II of MARPOL 73/78 and the IBC Code	to Not applicable.	
15. Regulatory information		
US State Regulations California Proposition 65 C None of the ingredients are	arcinogens and Reproductive Toxins listed or exempt.	
Inventories		
Canada - DSL/NDSL		
All the ingredients are listed	d or exempt.	
US - TSCA All the ingredients are listed	d or exempt.	
US - TSCA 12(b) Export No	otification	
All the ingredients are listed	d or oxompt	

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):- Crystalline Silica14808-60-7, Water7732-18-5, Glucose8029-43-4, Hydrous Aluminum Silicate 1332-58-7 Non Lead Frit65997-18-4
Revision date	4/5/2016
Revision	1
SDS No.	5546

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 Semi-Moist Decorating, WARM GREEN

1. Identification		
Product identifier		
Product name	Semi-Moist Decorating, WARM GREEN	
Product number	Semi-Moist Decorating, WARM GREEN	
Recommended use of the chemical and restrictions on use		
Application	Ceramic underglaze	
Details of the supplier of the s	afety 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 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 measur	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	l 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	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	15
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

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 ef	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 ass	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 re	equired.
Packing group	
Not applicable.	
Environmental hazards	
Environmentally Hazardous Please refer to Section 2 for please verify packaging and	Substance r any environmental hazards associated with this product. If H411/H412 warnings are shown then d labeling requirements for larger volumes.
Special precautions for use	r
Not applicable.	
Transport in bulk according Annex II of MARPOL 73/78 and the IBC Code	to Not applicable.
15. Regulatory information	
US State Regulations California Proposition 65 California Proposition	arcinogens and Reproductive Toxins e listed or exempt.
Inventories	
Canada - DSL/NDSL	
All the ingredients are listed	d or exempt.
US - TSCA All the ingredients are listed	d or exempt.
US - TSCA 12(b) Export No	otification
All the ingredients are lister	

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):- Crystalline Silica14808-60-7, Water7732-18-5, Glucose8029-43-4, Hydrous Aluminum Silicate 1332-58-7 Non Lead Frit65997-18-4
Revision date	4/5/2016
Revision	1
SDS No.	5572

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 Semi-Moist Decorating, WARM GRAY

1. Identification		
Product identifier		
Product name	Semi-Moist Decorating, WARM GRAY	
Product number	Semi-Moist Decorating, WARM GRAY	
Recommended use of the che	emical and restrictions on use	
Application	Ceramic underglaze	
Details of the supplier of the s	afety data sheet	
Supplier	American Art Clay Co Inc 6060 Guion Road Indianapolis, IN 46254-1222 USA +1 317 244 6871	
Emergency telephone number	<u>r</u>	
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 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 measur	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)	

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 ef	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 re	equired.
Packing group	
Not applicable.	
Environmental hazards	
Environmentally Hazardous 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	to Not applicable.
15. Regulatory information	
US State Regulations	
California Proposition 65 Ca None of the ingredients are	arcinogens and Reproductive Toxins 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 No	tification
All the ingredients are listed	l or oxompt

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):- Crystalline Silica14808-60-7, Water7732-18-5, Glucose8029-43-4, Hydrous Aluminum Silicate 1332-58-7 Non Lead Frit65997-18-4
Revision date	4/5/2016
Revision	1
SDS No.	5571

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 Semi-Moist Decorating, TURQUOISE

1. Identification		
Product identifier		
Product name	Semi-Moist Decorating, TURQUOISE	
Product number	Semi-Moist Decorating, TURQUOISE	
	-	
Recommended use of the che Application	Ceramic underglaze	
Details of the supplier of the s		
Supplier	American Art Clay Co Inc 6060 Guion Road	
	Indianapolis,	
	IN 46254-1222 USA	
	+1 317 244 6871	
Emergency telephone numbe	r	
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	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 measur	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)	

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 ef	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	3
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 r	required.
Packing group	
Not applicable.	
Environmental hazards	
Environmentally Hazardous Please refer to Section 2 fo please verify packaging and	s Substance or any environmental hazards associated with this product. If H411/H412 warnings are shown then d labeling requirements for larger volumes.
Special precautions for use	۲.
Not applicable.	_
Transport in bulk according Annex II of MARPOL 73/78 and the IBC Code	
15. Regulatory information	
US State Regulations California Proposition 65 C None of the ingredients are	Carcinogens and Reproductive Toxins e listed or exempt.
Inventories	
Canada - DSL/NDSL All the ingredients are lister	d or exempt.
US - TSCA All the ingredients are liste	d or exempt.
US - TSCA 12(b) Export N	

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):- Crystalline Silica14808-60-7, Water7732-18-5, Glucose8029-43-4, Hydrous Aluminum Silicate 1332-58-7 Non Lead Frit65997-18-4
Revision date	4/5/2016
Revision	1
SDS No.	5569

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 Semi-Moist Decorating, PINK

1. Identification		
Product identifier		
Product name	Semi-Moist Decorating, PINK	
Product number	Semi-Moist Decorating, PINK	
Recommended use of the che	emical and restrictions on use	
Application	Ceramic underglaze	
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	<u>r</u>	
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 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 measur	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	l 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	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	IS
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

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 ef	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 re	quired.
Packing group	
Not applicable.	
Environmental hazards	
Environmentally Hazardous 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	
US State Regulations California Proposition 65 Ca None of the ingredients are	arcinogens and Reproductive Toxins 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 No	tification
All the ingradiants and list-	

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):- Crystalline Silica14808-60-7, Water7732-18-5, Glucose8029-43-4, Hydrous Aluminum Silicate 1332-58-7 Non Lead Frit65997-18-4
Revision date	4/5/2016
Revision	1
SDS No.	5562

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 Semi-Moist Decorating, MEDIUM BLUE

1. Identification		
Product identifier		
Product name	Semi-Moist Decorating, MEDIUM BLUE	
Product number	Semi-Moist Decorating, MEDIUM BLUE	
	-	
Recommended use of the che		
Application	Ceramic underglaze	
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	-	
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 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 measur	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 medic	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	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	PS
Personal precautions, protecti	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	listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.
	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 Methods for cleaning up Reference to other sections	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 Methods for cleaning up	listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers. ainment and cleaning up Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material.
Methods and material for cont Methods for cleaning up Reference to other sections	listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers. ainment and cleaning up Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material. For waste disposal, see Section 13. For personal protection, see Section 8.
Methods and material for cont Methods for cleaning up Reference to other sections 7. Handling and storage	listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers. ainment and cleaning up Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material.
Methods and material for cont Methods for cleaning up Reference to other sections 7. Handling and storage Precautions for safe handling	listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers. ainment and cleaning up Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material. For waste disposal, see Section 13. For personal protection, see Section 8. 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.
Methods and material for cont Methods for cleaning up Reference to other sections 7. Handling and storage Precautions for safe handling Usage precautions	listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers. ainment and cleaning up Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material. For waste disposal, see Section 13. For personal protection, see Section 8. 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.
Methods and material for cont Methods for cleaning up Reference to other sections 7. Handling and storage Precautions for safe handling Usage precautions	listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers. ainment and cleaning up Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material. For waste disposal, see Section 13. For personal protection, see Section 8. 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. cluding any incompatibilities
Methods and material for cont Methods for cleaning up Reference to other sections 7. Handling and storage Precautions for safe handling Usage precautions <u>Conditions for safe storage, in</u> Storage precautions	listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers. ainment and cleaning up Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material. For waste disposal, see Section 13. For personal protection, see Section 8. 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. cluding any incompatibilities

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

· · ·	<u> </u>
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 ef	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 ass	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 re	equired.
Packing group	
Not applicable.	
Environmental hazards	
Environmentally Hazardous Please refer to Section 2 for please verify packaging and	Substance r any environmental hazards associated with this product. If H411/H412 warnings are shown then I labeling requirements for larger volumes.
Special precautions for use	r
Not applicable.	
Transport in bulk according Annex II of MARPOL 73/78 and the IBC Code	to Not applicable.
15. Regulatory information	
US State Regulations California Proposition 65 C None of the ingredients are	arcinogens and Reproductive Toxins listed or exempt.
Inventories	
Canada - DSL/NDSL	
All the ingredients are listed	d or exempt.
US - TSCA All the ingredients are listed	d or exempt.
US - TSCA 12(b) Export No	otification
All the ingredients are listed	d or oxompt

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):- Crystalline Silica14808-60-7, Water7732-18-5, Glucose8029-43-4, Hydrous Aluminum Silicate 1332-58-7 Non Lead Frit65997-18-4
Revision date	4/5/2016
Revision	1
SDS No.	5559

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 Semi-Moist Decorating, MAHOGANY BROWN

1. Identification		
Product identifier		
Product name	Semi-Moist Decorating, MAHOGANY BROWN	
Product number	Semi-Moist Decorating, MAHOGANY BROWN	
Recommended use of the che	emical and restrictions on use	
Application	Ceramic underglaze	
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	ŗ	
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 on	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 measur	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 medic	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, protecti	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

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 ef	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 re	equired.
Packing group	
Not applicable.	
Environmental hazards	
Environmentally Hazardous Please refer to Section 2 for please verify packaging and	Substance r any environmental hazards associated with this product. If H411/H412 warnings are shown then d labeling requirements for larger volumes.
Special precautions for use	<u>r</u>
Not applicable.	
Transport in bulk according Annex II of MARPOL 73/78 and the IBC Code	to Not applicable.
15. Regulatory information	
US State Regulations California Proposition 65 C None of the ingredients are	arcinogens and Reproductive Toxins e listed or exempt.
Inventories	
Canada - DSL/NDSL	
All the ingredients are listed	d or exempt.
US - TSCA All the ingredients are listed	d or exempt.
US - TSCA 12(b) Export No	otification
All the ingredients are listed	

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):- Crystalline Silica14808-60-7, Water7732-18-5, Glucose8029-43-4, Hydrous Aluminum Silicate 1332-58-7 Non Lead Frit65997-18-4
Revision date	4/5/2016
Revision	1
SDS No.	5557

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 Semi-Moist Decorating, LILAC

1. Identification		
Product identifier		
Product name	Semi-Moist Decorating, LILAC	
Product number	Semi-Moist Decorating, LILAC	
Recommended use of the che	emical and restrictions on use	
Application	Ceramic underglaze	
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	<u>r</u>	
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 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 measur	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	l 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	of the body with soap and water before leaving the work site.
Conditions for safe storage, ind Storage precautions	of the body with soap and water before leaving the work site.
	of the body with soap and water before leaving the work site.

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 ef	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.
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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 r	equired.
Packing group	
Not applicable.	
Environmental hazards	
Environmentally Hazardous Please refer to Section 2 fo please verify packaging and	s Substance r any environmental hazards associated with this product. If H411/H412 warnings are shown then d labeling requirements for larger volumes.
Special precautions for use	r
Not applicable.	-
Transport in bulk according Annex II of MARPOL 73/78 and the IBC Code	
15. Regulatory information	
US State Regulations	
California Proposition 65 C None of the ingredients are	e listed or exempt.
Inventories	
Canada - DSL/NDSL All the ingredients are listed	d or exempt.
US - TSCA All the ingredients are lister	d or exempt.
US - TSCA 12(b) Export No	

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):- Crystalline Silica14808-60-7, Water7732-18-5, Glucose8029-43-4, Hydrous Aluminum Silicate 1332-58-7 Non Lead Frit65997-18-4
Revision date	4/5/2016
Revision	1
SDS No.	5556

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