SAFETY DATA SHEET

Printed safety data sheets may be obsolete; validate prior to use.

SDS 101.1	C
Document #	Rev.
Effective Date:	15-OCT-2019

Section 1. Identification

Product Identifier FXclay™ Resin (Part A)

Product Identification

SKU	GTIN	Description
FXC2W	00860492000670	FXclay 2 lb (908g) Kit
FXC1/4W		FXclay 1/4 lb (114g) Kit
FXC1/8W		FXclay 1/8 lb (57g) Kit

Recommended Use Sculpting and Modeling Clay

Restricted Use Intended for use by professional and commercial users and artists.

Supplier's Information:

Company Name UNBRIDLED, LLC

Address 203 Mission Ave Ste 201
Cashmere, WA 98815
United States

Telephone 1-206-274-9114

Website https://unbridledllc.com

Email admin@unbridledllc.com

Emergency Contact Poison Control Center 1-800-222-1222

Section 2. Hazard(s) identification

GHS Classification

Skin Sensitization	Category 1
Cause skin and eye irritation	Category 2

GHS Label Elements
Hazard Pictograms

Signal Word Warning

Hazard Statement

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H320	Cause skin and eye irritation.

Precautionary Statements

General

P102	Keep out of reach of children.
P103	Read label before use.

Prevention

P233	Keep container tightly closed when not in use.
P261	Avoid breathing dust.
P264	Wash hands and exposed skin thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P281	Use personal protective equipment as required.

Response

P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes.

		Remove contact lenses, if present and easy to do. Continue rinsing.
	P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
Storage		Not applicable.
Disposal	P501	Disposal of contents/container to be specified in accordance with regulations.
Hazard(s) not otherwise classified		None known.

Section 3. Composition/Information on ingredients

Ingredient	CAS	% by Weight
Magnesium Silicate Hydrate	14807-96-6	50-65
Chlorite-group mineralQuartz	1318-59-8	<10
Quartz	148-60-7	<1
Oxirane, 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bis-, homopolymer	25085-99-8	25-35
2-Ethyl Hexyl Glycydyl Ether	2461-15-6	<4
Trade Secret	Trade Secret	<4

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section. Occupational exposure limits, if available, are listed in Section 8 of the SDS.

Section 4. First aid measures

Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions. Take off contaminated clothing and wash before reuse.
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persist.
Ingestion	Rinse mouth. Do NOT induce vomiting. Get medical attention if symptoms occur.
Inhalation	Move to fresh air.and keep at rest in a position comfortable for breathing. If symptoms develop, obtain medical attention.
Most important symptoms/effects, acute and delayed	May cause an allergic skin reaction. May cause redness and pain. Rash. Dermatitis.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

Section 5. Fire-fighting measures

Suitable extinguishing media	Use fire-extinguishing media appropriate for surrounding materials.
Unsuitable extinguishing media	None known.
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Firefighters must use standard protective equipment including flame retardant coat, helmet withface shield, gloves, rubber boots, and in enclosed spaces, SCBA
Fire fighting equipment/instructions	Use water spray to cool unopened containers.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	No unusual fire or explosion hazards noted.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	The product is immiscible with water and will sediment in water systems. Prevent product from entering drains. Stop the flow of material, if this is without risk. Following product recovery, flush area with water. For waste disposal, see section 13 of the SDS.
Environmental precautions	Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

Section 7. Handling and storage

Precautions for safe handling	Put on appropriate personal protective equipment, see Section 8 of the SDS. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Avoid breathing dust. Do not swallow. Ensure adequate ventilation. Keep in the origin container or an approved alternative made from a compatible material, kept tightly closed when not in use. Do not reuse empty container.
Conditions for safe storage including any incompatibilities	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10 of the SDS) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 8. Exposure controls/Personal protection

Occupational Exposure Limits	OSHA PEL TWA	NIOSH TWA	ACGIH TLV TWA
Magnesium Silicate Hydrate 14807-96-6	2 mg/m^3	2 mg/m^3	2 mg/m^3
Epoxy Resin 25085-99-8	Not Established	Not Established	Not Established

Appropriate engineering controls

Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Environmental exposure controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures/personal protective equipment

Eye/face protection

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. Recommended: chemical splash goggles.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Skin protection

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection

Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Special instructions for protection and hygiene

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Section 9. Physical and chemical properties

Appearance		**Flammability (solid, gas)**	N/A
Physical Form	Putty	**Upper/lower flammability limit (by volume)**	N/A
Color	White Smoke	**Upper flammability limit (by volume)**	N/A
Odor	Characteristic odor	**Lower flammability limit (by volume)**	N/A
Density	Not determined	**Material VOC**	N/A
Viscosity	N/A	**Vapor density**	Heavier than air
pH	N/A	**Relative density**	Not determined
Melting point/freezing point	N/A	**Solubility in water**	Negligible
Initial boiling point and boiling range	N/A	**Partition coefficient: n-octanol/water**	N/A
Flash point	N/A	**Auto-ignition temperature**	N/A
Evaporation rate	N/A	**Decomposition temperature**	N/A

Section 10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical Stability	Material is stable under normal conditions.
Possibility of hazardous reactions	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	Epoxy resins and epoxy resin hardeners react with each other producing heat. They should not be mixed with each other under uncontrolled conditions or in a large mass as the ensuing exothermic reaction may produce heat, smoke and hazardous decomposition products. Caustic soda (sodium hydroxide) can induce vigorous polymerization at temperatures a round 200 °C.
Incompatible materials	Strong acids, caustics, oxidizers, and epoxy hardeners in an uncontrolled condition.
Hazardous decomposition products	Carbon dioxide, carbon monoxide, nitrogen oxides and hydrocarbons.
Other hazards	None known.

Section 11. Toxicological information

Acute health hazards	No comprehensive data on product itself.
Irritation/corrosion	No comprehensive data on product itself.
Sensitization	No information on product itself.
Mutagenicity	No information on product itself.
Carcinogenicity	No information on product itself.
Reproductive Toxicity	No information on product itself.
Carcinogenicity	No information on product itself.
Reproductive toxicity	No information on product itself.
Teratogenicity	No information on product itself.
Specific target organ troxicity (single exposure)	No information on product itself.
Specific target organ troxicity (repeated exposure)	No information on product itself.
Aspiration hazard	No information on product itself.
Potential acute health effects	
Eye contact	Causes eye irritation.
Inhalation	May cause respiratory irritation.
Skin contact	Causes skin irritation. May cause an allergic skin reaction.
Ingestion	Irritating to the mouth, throat, and stomach.
Symptoms related to the physical, chemical and toxicological characteristics	
Eye contact	Adverse symptoms may include the following: Pain or irritation, Watering, Redness.
Inhalation	Adverse symptoms may include the following: Respiratory tract irritation, Coughing.
Skin contact	Adverse symptoms may include the following: Irritation, Pain, Redness.
Ingestion	No specific data.
Delayed and immediate effects and also chronic effects from short and long term exposure	Not available.
Potential chronic health effects	
General	Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
Carcinogenicity	No known significant effects or critical hazards.
Mutagenicity	No known significant effects or critical hazards.
Teratogenicity	No known significant effects or critical hazards.
Developmental effects	No known significant effects or critical hazards.
Fertility effects	No known significant effects or critical hazards.

Numerical measures of toxicity	
Acute toxicity estimates (ATEmix)	Not available.

Section 12. Ecological information

Ecotoxicity	No information on product itself.
Persistence and degradability	No information on product itself.
Bioaccumulative Potential	No information on product itself.
Mobility in Soil	
Soil/water partition coefficient (KOC)	No information on product itself.
Other adverse effects	No known significant effects or critical hazards.

Section 13. Disposal considerations

Waste from residues/ unused products	Dispose of in accordance with local regulations. Empty containers or liners may retain someproduct residues. This material and its container must be disposed of in a safe manner. Avoid discharge into water courses or onto the ground.
Contaminated packaging	Dispose of container and unused contents in accordance with federal, state and local requirements.

Section 14. Transportation information

DOT	IATA	IMDG
Not regulated	Not regulated	Not regulated

Section 15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

CASRN	None known.
SARA 302 Componets	None required.
SARA 311,312	Not regulated.
California Prop 65	This product does not intentionally contain any chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.
Chemical safety assessment	No chemical safety assessment has been carried out for this substance/mixture by the supplier.

Section 16. Other information

HMIS Rating

4. Severe Hazard
3. Serious Hazard
2. Moderate Hazard
1. Slight Hazard
0. Minimal Hazard

NFPA

Abbreviations and acronyms
CAS - Chemical Abstract Service
CASRN – CAS Registry Number
DOT - US Department of Transportation
HMIS - Hazardous Material Information Service
IATA - International Air Transport Association
IMDG - International Maritime Dangerous Goods Code
NFPA - National Fire Protection Association
SARA – Superfund Amendments and Reauthorization Act

Disclaimer
The information contained in this Safety Data Sheet (SDS) is considered accurate as of the version date. However, no warranty is expressed or implied regarding the accuracy of the data. Since the use of this product is not within the control of Unbridled LLC, it is the user's obligation to determine the suitability of the product for its intended application and assumes all risk and liability for its safe use.

This SDS is prepared to comply with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) as prescribed by the United States (US) Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200).

Classifications of the chemical in accordance with 29 CFR 1910.1200, signal word, hazard and precautionary statement(s), symbol(s) and other information are based on listed concentration of each hazardous ingredient. Unlisted ingredients are not "hazardous" per the OSHA Hazard Communication Standard (29 CFR 1910.1200).