

# SAFETY DATA SHEET

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


SDS 101.2	C
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## Section 1. Identification

<b>Product Identifier</b>	FXclay™ Hardener (Part B)		
<b>Product Identification</b>	<b>SKU</b>	<b>GTIN</b>	<b>Description</b>
	FXC2W	00860492000670	FXclay 2 lb (908g) Kit
	FXC1/4W		FXclay 1/4 lb (114g) Kit
	FXC1/8W		FXclay 1/8 lb (57g) Kit
<b>Recommended Use</b>	Sculpting and Modeling Clay		
<b>Restricted Use</b>	Intended for use by professional and commercial users and artists.		
<b>Supplier's Information:</b>			
<b>Company Name</b>	UNBRIDLED, LLC		
<b>Address</b>	203 Mission Ave Ste 201 Cashmere, WA 98815 United States		
<b>Telephone</b>	1-206-274-9114		
<b>Website</b>	<a href="https://unbridledllc.com">https://unbridledllc.com</a>		
<b>Email</b>	admin@unbridledllc.com		
<b>Emergency Contact</b>	Poison Control Center 1-800-222-1222		

## Section 2. Hazard(s) identification

<b>GHS Classification</b>	Skin Sensitization Cause skin and eye irritation	Category 1 Category 2
<b>GHS Label Elements</b> Hazard Pictograms		
<b>Signal Word</b>	Warning	
<b>Hazard Statement</b>	H315 Causes skin irritation. H317 May cause an allergic skin reaction. H320 Cause skin and eye irritation.	
<b>Precautionary Statements</b>		
<b>General</b>	P102 Keep out of reach of children. P103 Read label before use.	
<b>Prevention</b>	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.	
<b>Response</b>	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	45-60
Chlorite-group mineral	1318-59-8	<10
4-Nonylphenol, branched	84852-15-3	15-25
Fatty acids, tall-oil, reaction products with tetraethylenepentamine	68953-36-6	<15
Trade Secret	Trade Secret	<18

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

<b>Skin contact</b>	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.
<b>Eye contact</b>	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.
<b>Ingestion</b>	Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if symptoms occur.
<b>Inhalation</b>	Move to fresh air and keep at rest in a position comfortable for breathing. If symptoms develop, obtain medical attention.
<b>Most important symptoms/effects, acute and delayed</b>	May cause an allergic skin reaction. May cause redness and pain. Rash. Dermatitis.
<b>Indication of immediate medical attention and special treatment needed</b>	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

## Section 5. Fire-fighting measures

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

## Section 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	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.
<b>Methods and materials for containment and cleaning up</b>	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.
<b>Environmental precautions</b>	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

<b>Precautions for safe handling</b>	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.
<b>Conditions for safe storage including any incompatibilities</b>	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 <sup>3</sup>	2 mg/m <sup>3</sup>	2 mg/m <sup>3</sup>
4-Nonylphenol, branched 84852-15-3	Not Established	Not Established	Not Established
<b>Appropriate engineering controls</b>	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.		
<b>Environmental exposure controls</b>	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.		
<b>Individual protection measures/personal protective equipment</b>			
<b>Eye/face protection</b>	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.		
<b>Hand protection</b>	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.		
<b>Skin protection</b>	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.		
<b>Respiratory protection</b>	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.		
<b>Special instructions for protection and hygiene</b>	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

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

### Section 10. Stability and reactivity

<b>Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Chemical Stability</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions</b>	Under normal conditions of storage and use, hazardous reactions will not occur.
<b>Conditions to avoid</b>	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.
<b>Incompatible materials</b>	Strong acids, caustics, oxidizers, and epoxy resins in an uncontrolled condition.
<b>Hazardous decomposition products</b>	Carbon dioxide, carbon monoxide and nitrogen oxides.
<b>Other hazards</b>	None known.

## Section 11. Toxicological information

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

**Numerical measures of toxicity**

<b>Acute toxicity estimates (ATEmix)</b>	Not available.
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**Section 12. Ecological information**

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

**Section 13. Disposal considerations**

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

**Section 14. Transportation information**

<b>DOT</b>	<b>IATA</b>	<b>IMDG</b>
Not regulated	Not regulated	Not regulated

**Section 15. Regulatory information**

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

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

## Section 16. Other information

### HMIS Rating

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	0

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).

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