

Material Safety Data Sheet

1. Product & Company Identification

Company Name: Silhouette America, Inc

Address: 618 North 2000 West, Lindon UT 84042

Product Contact: (385)352-2090

Product Name: Glass Etching Cream

Date Revised: 02/26/2018

Version: 1

Product Code: ETCH-2OZ, KIT-GLASS-3T

Product Use: Cream compound that creates permanently etched designs on glass, windows, mirrors and other similar surfaces.

2. Composition/Information on Ingredients

Ingredient Name	CAS #	Contents (%)
Fluoride salts	7681-49-4	15%
Fluorine calcium salt	7789-75-5	15%
Barium salt	7727-43-7	60%
Hydrochloric acid	7647-01-0	5%

3. Hazards Identification

Health Hazards: Does not present any particular hazard under normal conditions of use.

Skin Contact:	Product can irritate or burn skin if direct contact is made and immediate treatment is not administered.
Skin Absorption:	Not a likely route of exposure. No known hazard.
Eye Contace:	Not a likely route of exposure. Product can irritate or burn eyes if contact is made and immediate treatment is not sought out.
Ingestion:	Not a likely route of exposure. Product is toxic if swallowed.
Inhalation:	Not a likely route of exposure. Product not inhalable. However, substances produced from combustion may cause irritation to eyes, skin, and/or respiratory tract.

HMIS Hazard Level:

Health:	2 - Temporary or minor injury may occur
Flammability:	0 - Material will not burn
Physical Hazard:	0 - Material is normally stable
Personal Protection:	B - Safety glasses & gloves

4. First Aid Measures

Emergency Overview: This product is neither hazardous nor toxic. However, the following describes recommended first aid treatments to take in cases of potential incorrect handling of the product.

Skin Contact:	In case of the direct skin contact, flush with plenty of water. Apply calcium gluconate gel on the wounded area and apply bandage with 20% calcium gluconate solution. If the burned area is larger than your palm (about 150 mm), take internally 6 tablets of calcium (400 mg) dissolved in water. Repeat every 2 hours until you are able to visit a hospital. In case of the burned area is excessive, take a bath or a shower consisting of 1% calcium gluconate solution.
Skin Absorption:	Not a likely route of exposure.
Eye Contace:	Flush eyes with water for 15 minutes. Seek immediate medical advice/attention.
Ingestion:	If accidentally swallowed, take internally 6 tablets of calcium (400 mg) dissolved in water. Obtain immediate medical attention.
Inhalation:	Product not inhalable. If substances produced from combustion are inhaled, move to fresh air and seek medical aid if necessary.

5. Fire Fighting Measures

Flammable: This product is not known to be flammable.

Means of Extinction: N/A

Hazardous combustion Products: N/A

6. Accidental Release Measures

Leak and Spill Procedure: A thick cloth or towel can be used to gather spillage. Cloth or towel used to collect spillage should be disposed. Caution should be taken to use gloves or other protective means to prevent direct skin contact during cleanup routine.

7. Handling and Storage

Handling Procedure: Provide adequate ventilation. Avoid contact with eyes and skin. Latex or rubber gloves are recommended when handling product

Storage Requirements: Store in a cool, dry environment. Do not store near strong oxidizing substances. Keep containers tightly closed. Store with adequate ventilation

8. Exposure Control/Personal Protection

Exposure Limits: N/A

Engineering Controls: Use with adequate ventilation

Protective Equipment: Skin protection - Chemical resistant gloves recommended, Eye protection - Safety glasses or goggles recommended

9. Physical & Chemical Properties

Physical State: Paste

Appearance: White (may also appear as yellow, grey, or blue)

Odor: Slightly pungent

Boiling Point: NA

Freezing Point: NA

Melting Point: NA

Flash Point: NA

PH Value: PH 2 – 3 (at T=20°C)

Vapor Pressure(mmHg): NA

Specific Gravity: NA

Evaporation Rate(Buty/Acetate=1): NA

Solubility in Water: 65% (at T=20°C)

10. Stability & Reactivity

Stability: This product is considered a stable material under normal and anticipated storage.

incompatibility w/Other Substance: Hydrogen, Metals (like iron, nickel, and aluminum)

Reactivity: Stable under normal condition of storage and use. However, reacts with concentrate alkalis (yields ammonia formation); with concentrate acid (yields hydrofluoric acid formation).

Conditions to Avoid: Storage temperatures above 90° F, Poorly ventilated areas

Hazardous Decomposition Products: Hydrofluoric acid (HF) may be generated by decomposition

11. Toxicological Information

Health Hazards: Toxic if ingested (abnormal use of product).

Carcinogenicity: This product is not listed as a carcinogen by NTP, IARC, or OSHA.

Irritancy of Product: Corrosive to skin and eyes.

12. Ecological Information

Eco-toxicity: Noxious for water inhabitants. This product should not be allowed to enter drains or watercourses in order to avoid pollution of water bodies.

Biodegradability: No data available.

13. Disposal Considerations

Disposal Method: This product is not regarded as hazardous waste. Dispose of materials in accordance with applicable local, state, and federal regulations.

14. Transport Information

Special Shipping Information: Not classified according to transport regulations for dangerous goods: not subject to IATA DGR.

Safety Measures/Conditions of Transport: Avoid product containers from getting wet to prevent breakdown in packaging. Keep away from sources of ignition.

15. Regulatory Information

U.S. Regulations

TSCA Status:All components of this product are listed on the US TSCA Inventory.

California Proposition 65: This product does not contain chemicals regulated under California Proposition 65.

SARA Title III (311, 312) Hazard Class: None.

SARA Title III (302) Extremely Hazardous Substances List: None.

CERCLA 103 Reportable Quantity: This product is not subject to CERCLA reporting requirements.

VOC Regulation: This product complies with the consumer product VOC limits of CARB, the US EPA and states adopting the OTC VOC rules.

Canadian Regulations

Canadian DSL/NDSL Inventory Status: All components of this product are listed on the DSL Inventory.

CEPA Priorities Substance Lists: The components of this product are not on the CEPA Priorities Substances Lists.

European Union Information

Dangerous Substances Directive(67/548/CEE) Labeling: Symbol: C (Corrosiveness), Symbol: T (Toxic), R 25:

Toxic for inhalation, R 34: Provokes burns, S 22: Do not breathe in, S 26: In case of eye contact flush with water/Consult physician, S 37: Use protective gloves, S 45: In case of accident consult physician

16. Other Information

The information provided in this MSDS has been obtained from sources thought to be reliable. All recommendations and statements contained in this MSDS have been compiled from sources believed to represent the most currently available information when the MSDS was prepared.

However, since Silhouette America has no control over the conditions of use or storage of the product sold, Silhouette America cannot guarantee the results obtained through the use of its products. Silhouette America assumes no responsibility for the accuracy or completeness of the data contained herein. All products are sold and samples are given without any representation or warranty, expressed or implied, of fitness for any particular purpose or otherwise, and upon condition that the buyer shall determine the suitability of the product for its own purposes. This applies also where protective rights of third parties are involved. It does not release the user from the obligation to test the suitability of the product for the intended use and application.