



# KRETUS®

## Safety Data Sheet

### SECTION 1: IDENTIFICATION

**Product Name:** KRETUS® Anti-Slip Glass 70

**Recommended Use:** For residential and industrial use

**Manufacturer:** Kretus, 1055 W. Struck Ave., Orange, CA 92867

**Telephone:** (714) 694-2061

**24 Hour Emergency Telephone Number:** (800) 255-3924 (CHEMTEL)

**Emergency telephone numbers are to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure, or accident involving chemicals. All non-emergency questions should be directed to customer service.**

**Comments:** To the best of our knowledge, this Safety Data Sheet conforms to the requirements of US OSHA 29 CFR1910.1200.

### SECTION 2: HAZARD IDENTIFICATION

Eye Irritation: Category 1

Aspiration Hazard: Category 1

#### Warning

Causes serious eye irritation. May cause an allergic skin reaction and/or respiratory irritation.



Keep container tightly closed. Do not breathe dust. Wear protective gloves/protective clothing/eye protection/face protection. Wash hands thoroughly after handling.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration (% by Weight)
Glass, oxide; Glass	65997-17-3	100

**SECTION 4: FIRST-AID MEASURES**

**Inhalation:** Remove patient from exposure. Keep patient at rest and give oxygen if breathing difficult. If symptoms develop, obtain medical attention.

**Skin:** Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

**Eye:** Irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 15 minutes. Obtain immediate medical attention.

**Ingestion:** Not applicable.

**Acute:** None known.

**Delayed and Chronic Effects:** None known. Not listed by NTP, IARC, or OSHA as a carcinogen.

**SECTION 5: FIRE-FIGHTING MEASURES**

This material is non-combustible.

**Suitable Extinguishing Media**

This material is compatible with all extinguishing media.

**Environmental Precautions**

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform authorities if the product has caused environmental pollution (sewers, drains, waterways or soil).

**SECTION 6: ACCIDENTAL RELEASE MEASURES****Personal Precautions, Protective Equipment, and Emergency Procedures**

Wear rubber boots with slip-resistant soles, and NIOSH-approved dust respirator where dust occurs. See section 8.

Environmental Precautions:

**Environmental Precautions:**

Sinks in water. No known hazard to aquatic life.

**Methods and Materials for Containment and Clean-up:**

Collect with HEPA Filter Dust Collector. Ensure adequate ventilation. Do not walk through spilled material.

**SECTION 7: HANDLING AND STORAGE****Precautions for Safe-Handling**

Avoid contact with skin, eyes, and clothing. Wash hands before eating or drinking. Avoid accumulation of dust. Use only in well-ventilated areas.

**Conditions for Safe Storage**

Store in the original container in a cool, dry well-ventilated area. Keep containers tightly sealed.

Storage temperature: Ambient.

Storage life: N/A

Incompatible materials: Dissolves in hydrofluoric acid.

**SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION**

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Glass, oxide; Glass	LTEL TWA 10-15 mg/m <sup>3</sup> (total dust) 3-5 mg/m <sup>3</sup> (repairable)	(Vacated) TWA: - (Vacated) TWA: - (Vacated) STEL: - (Vacated) STEL: -	IDLH: - TWA: - TWA: -

**Engineering measures:** Work in well ventilated area. Provide natural or explosion-proof fan to ensure adequate ventilation, especially in confined area. Avoid contact with skin, eyes, and clothing.

**Environmental exposure controls:** Construct a dike to prevent spreading. 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.

**Hygiene Measures:** Wash hands, forearms and face thoroughly after handling chemical products, before eating and drinking, smoking or using the lavatory and at the end of the working period. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

#### Personal Protection

**Respiratory:** In case of inadequate ventilation wear respiratory protection. 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.

**Eyes:** Splash proof safety glasses.

**Skin:** Rubber or plastic apron. Rubber or plastic gloves. Long sleeved clothing or wear protective sleeves. Remove and wash contaminated clothing before re-use.

**Other protective equipment information:** 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. Neoprene gloves. PVC disposable gloves. Nitrile rubber. Butyl-rubber. Impervious gloves. (The breakthrough time of the selected glove(s) must be greater than the intended use period.)

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	solid, white glass beads
<b>Odor</b>	No Information Available
<b>Odor Threshold</b>	No Information Available
<b>pH</b>	8
<b>Melting/Freezing Point</b>	730°C
<b>Initial Boiling Point and Boiling Range</b>	No Information Available
<b>Flash Point</b>	>530°F
<b>Evaporation Rate</b>	No Information Available
<b>Flammability</b>	No Information Available
<b>Upper/Lower Flammability or Explosive Limits</b>	No Information Available
<b>Auto-Ignition Temperature</b>	No Information Available
<b>Vapor Pressure</b>	No Information Available
<b>Vapor Density</b>	No Information Available
<b>Relative Density/Specific Gravity</b>	No Information Available
<b>Solubility(ies)</b>	Insoluble
<b>Partition Coefficient: n-octanol/water</b>	No Information Available

<b>Decomposition Temperature</b>	No Information Available				
<b>Viscosity</b>	No Information Available				
<b>VOC (Volatile Organic Compounds)</b>	0 mg/L				
<b>SECTION 10: STABILITY AND REACTIVITY</b>					
<p><b>Reactivity:</b> None under normal conditions.</p> <p><b>Chemical Stability:</b> Stable under normal conditions.</p> <p><b>Possibility of Hazardous Reactions:</b> None under normal processing.</p> <p><b>Condition(s) to Avoid:</b> None.</p> <p><b>Substance(s) to Avoid:</b> Dissolves in hydrofluoric acid.</p> <p><b>Hazardous Decomposition Product(s):</b> None known.</p>					
<b>SECTION 11: TOXICOLOGICAL INFORMATION</b>					
<p><b>Inhalation:</b> Inhalation of the dust may cause breathlessness, coughing, tightness of the chest and difficulty in breathing.</p> <p><b>Eye Contact:</b> Slightly irritating to the skin.</p> <p><b>Skin Contact:</b> Slightly irritating to the skin.</p> <p><b>Ingestion:</b> No data.</p> <p><b>Irritation:</b> Causes eye irritation. May cause respiratory irritation. May cause transient irritation.</p> <p><b>Corrosivity:</b> No data.</p> <p><b>Sensitization:</b> No data.</p> <p><b>Repeated Dose Toxicity:</b> None known.</p> <p><b>Mutagenicity:</b> No data.</p> <p><b>Toxicity for Reproduction:</b> No data.</p>					
<b>SECTION 12: ECOLOGICAL INFORMATION</b>					
<p><b>Toxicity:</b> No known reports of ecotoxicity to the environment.</p> <p><b>Persistence and Degradability:</b> Persistent but inert in aquatic systems.</p> <p><b>Bioaccumulative Potential:</b> The product will not bioaccumulate up the food chain.</p> <p>Sinks in water. Insoluble in water.</p>					
<b>SECTION 13: DISPOSAL CONSIDERATIONS</b>					
<p>Disposed material is not a hazardous waste. Disposal should be in accordance with local, state or national legislation. Containers must not be punctured or destroyed by burning, even when empty.</p>					
<b>SECTION 14: TRANSPORT INFORMATION</b>					
	<b>UN NUMBER</b>	<b>UN PROPER SHIPPING NAME</b>	<b>TRANSPORT HAZARD CLASSES</b>	<b>PACKING GROUP</b>	<b>ENVIRONMENTAL HAZARDS</b>
<b>DOT</b>	Not Regulated	Not Regulated	Not Regulated	Not Regulated	Not Regulated
<b>IMO/IMDG</b>	Not Regulated	Not Regulated	Not Regulated	Not Regulated	Not Regulated
<b>IATA/CAO</b>	Not Regulated	Not Regulated	Not Regulated	Not Regulated	Not Regulated
<p>The transportation information listed above is suitable for all modes of transportation. TDG, IMO/IMDG, ICAO/IATA, 49 CFR.</p>					

**SECTION 15: REGULATORY INFORMATION****United States**

TSCA (Toxic Substance Control Act):

SARA 311/312—Hazard Categories: No data

SARA 302—Extremely Hazardous Substances: Not hazardous

SARA 313—Toxic Chemicals: Not toxic

CERCLA (Comprehensive Environmental Response Compensation and Liability Act): Not established

CAA (Clean Air Act 1990): No data

CWA (Clean Water Act): No data

California Safe Drinking Water & Toxic Enforcement Act (Proposition 65) - This product does not contain any chemicals known to State of California to cause cancer, birth defects or any other reproductive harm.

**Canada**

WHMIS Classification: No data

Canada (DSL/NDSL): No data

Canada Ingredient Disclosure List (CIDL): No data

Chemical Safety Assessment: Glass is regarded by FDA as Generally Recognized As Safe (GRAS) for use in contact with food.

**SECTION 16: OTHER INFORMATION**

HMIS	NFPA	HMIS
Health	2	2
Flammability	3	3
Reactivity	0	0

**Personal Protection:** Safety goggles, neoprene rubber gloves, N95 respirator.

**Additional Information:** The accumulation of airborne dust particles may lead to health and safety risks in some cases. The use of good industrial practices will mitigate this risk.

The health risks from inhalation of dust particles vary; this is due to particle concentration, exposure length, number of exposures and type of particles inhaled. Please read Sections 2,4,6,7 and 8 of the MSDS to understand these potential risks. Wear personal protective equipment and follow storage and handling procedures to maintain a safe workplace.

In rare instances, combustible dusts may represent a potential explosion hazard when airborne. This hazard is often associated with organic dust such as foodstuffs and coal, but may also occur with mineral products. While the majority of our products would be considered non-combustible, the overall airborne environment should be considered when determining the need for mitigation from

**Prepared by** Kretus Inc.

**Revision date** 1/16/23

**Revision Note** Reformatting

**The information on this Safety Data Sheet (SDS) is based on the present state of our knowledge, current national legislation and guidelines. As the specific conditions of use of the product are outside the supplier's knowledge and control the user is responsible for ensuring that the requirements of relevant legislation are complied with. This SDS should not be construed as any guarantee of the technical performance or suitability for particular applications. UNLESS SUPPLIER AGREES OTHERWISE IN WRITING, SUPPLIER MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR FREEDOM FROM PATENT INFRINGEMENT. SUPPLIER WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.**