



# KRETUS<sup>®</sup>

## Safety Data Sheet

### SECTION 1: IDENTIFICATION

**Product Name:** KRETUS<sup>®</sup> Acrylic Sealer WB Conductive

**Recommended Use:** For professional use only

**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

Acute Toxicity: Category 4

Specific Target Organ – Single Exposure (Narcotic Effects): Category 3

Skin Corrosion/Irritation: Category 4

Eye Irritation: Category 2B

Aspiration Hazard: Category 2

#### **Danger**

Causes eye irritation. Harmful if swallowed, if inhaled, or in contact with skin.



Avoid breathing dust/fume/gas/mist/vapors/spray.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses. If present and easy to do. Continue rinsing.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

Chemical Name	CAS No.	Concentration (% by Weight)
2,2,4-trimethyl-1,3-pentanediol monoisobutyrate	25265-77-4v	<5%
1,2-dihydroxypropane	57-55-6	<5%
Proprietary		80-100%
2,3-epoxypropyl neodecanoate	26761-45-5	<1%
Polymer	Trade Secret	<1%
Single wall carbon nanotubes	7440-44-0	<1%
Alkylolammonium salt	398475-96-2	<1%

#### SECTION 4: FIRST-AID MEASURES

##### Contact with Eyes

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

##### Contact with Skin

Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention.

##### Inhalation

Call a POISON CENTER or doctor if you feel unwell.

##### Ingestion

Do NOT induce vomiting. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

#### SECTION 5: FIRE-FIGHTING MEASURES

##### Suitable Extinguishing Media

Dry chemical. Alcohol-Resistant Foam. Carbon Dioxide (CO<sub>2</sub>).

##### Hazardous Combustion Products

May include carbon monoxide, carbon dioxide (CO<sub>2</sub>).

#### SECTION 6: ACCIDENTAL RELEASE MEASURES

##### Personal Precautions, Protective Equipment, and Emergency Procedures

Avoid breathing vapors or mists. Use personal protective equipment as required. Avoid contact with skin, eyes.

##### Environmental Precautions:

Do not allow into any sewer, on the ground or into any body of water. If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations.

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

Prevent further leakage or spillage if safe to do so. Spill kits or absorbent material.

Dispose of waste product or used containers according to local regulations. Clean with detergents. Avoid solvent cleaners. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labeled containers.

#### SECTION 7: HANDLING AND STORAGE

##### Precautions for Safe-Handling

Put on appropriate personal protective equipment, PPE (see Section 8). Eating and drinking should be prohibited in areas where this material is handled, stored and processed. Remove contaminated PPE or clothing, wash hands and

face before eating and drinking. Use only in area provided with appropriate exhaust ventilation. Do not get in eyes, skin or clothing. Do not ingest. Avoid release to the environment.

#### Conditions for Safe Storage

Keep/store only in original container. Store in accordance with local regulations. Keep unauthorized personnel away. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

### SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
2,2,4-trimethyl-1,3-pentanediol monoisobutyrate	Not Established	Not Established	Not Established
1,2-dihydroxypropane	Not Established	Not Established	Not Established

#### Personal Protection

**Respiratory:** If exposure cannot be controlled below applicable limits, use the appropriate NIOSH approved respirator such as an air purifying respirator with organic vapor cartridge and dust/mist filter. Consult the respirator manufacturer's literature to ensure that the respirator will provide adequate protection read and follow all respirator manufacturer's instructions.

**Eye/face:** Chemical workers' goggles.

**Skin:** Waterproof aprons. To prevent repeated or prolonged skin contact wear impervious clothing and boots. Use hand cream and barrier cream around chemicals. Chemical-resistant gloves may be used if desired.

#### Other Precautions

**Ventilation:** Local exhaust must be sufficient to keep airborne vapor concentrations below TLV limit.

**Other Protective Equipment:** Eye bath and safety shower.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	liquid; white
Odor	No Data Available
Odor Threshold	No Data Available
pH	9.3-10
Melting/Freezing Point	0°C (32°F)
Initial Boiling Point and Boiling Range	100°C (212°F)
Flash Point	non-combustible
Method	closed cup
Evaporation Rate	<1 water
Flammability	No Data Available
Upper/Lower Flammability or Explosive Limits	No Data Available
Auto-Ignition Temperature	No Data Available
Vapor Pressure	17 mmHg at 20°C (68°F)

<b>Vapor Density</b>	No Data Available
<b>Relative Density/Specific Gravity</b>	No Data Available
<b>Solubility(ies)</b>	Soluble in Water
<b>Partition Coefficient: n-octanol/water</b>	No Data Available
<b>Decomposition Temperature</b>	No Data Available
<b>Viscosity</b>	No Data Available
<b>VOC (Volatile Organic Compounds)</b>	50 g/L
<b>WPG</b>	8.83-9.1

### SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** no data available

**Chemical stability:** Stable

**Possibility of hazardous reactions:** None known. Product will not undergo polymerization.

**Conditions to avoid:** no data available

**Incompatible materials:** There are no known materials which are incompatible with this product.

### SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information

Component Information

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
2,2,4-trimethyl-1,3-pentanediol monoisobutyrate	LD50, Rat, > 3,200 mg/kg	Not listed	Not listed
1,2-dihydroxypropane	Not found	Not listed	Not listed

**Skin corrosion/irritation:** Not applicable

**Serious eye damage/eye irritation:** Causes serious eye irritation

**Skin sensitization:** Not applicable

**Respiratory sensitization:** Not applicable

**Germ cell mutagenicity:** Not applicable

**Carcinogenicity:** Not applicable

**Reproductive Toxicity:** Not applicable

**Specific target organ toxicity (single exposure):** Not applicable

**Specific target organ toxicity (repeated exposure):** Not applicable

**Aspiration hazard:** Not applicable

### SECTION 12: ECOLOGICAL INFORMATION

**Ecotoxicity:** Environmental precautions Prevent product from entering drains.

**Persistence and degradability:** No information available

**Bioaccumulation:** No information available

**Mobility:** No information available

Component	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
2,2,4-trimethyl-1,3-pentanediol monoisobutyrate	-	LC50 = 33 mg/l Exposure time: 96 h	-	-
1,2-dihydroxypropane	Biodegradable			

### SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal: Dispose in accordance with federal, state and local regulations.

The generation of waste should be avoided or minimized wherever possible. Empty containers should be taken to an approved waste handling site for recycling or disposal. Incineration or landfill should only be considered when recycling is not feasible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

### SECTION 14: TRANSPORT INFORMATION

	UN Number	UN Proper Shipping Name	Transport Hazard Class(es)	Packing Group	Environmental Hazards
<b>DOT</b>	Not regulated	Not regulated	Not regulated	Not regulated	Not a marine pollutant
<b>IMO/IMDG</b>	Not regulated	Not regulated	Not regulated	Not regulated	Not a marine pollutant
<b>IATA/CAO</b>	Not regulated	Not regulated	Not regulated	Not regulated	Not a marine pollutant

The transportation information listed above is suitable for all modes of transportation. TDG, IMO/IMDG, ICAO/IATA, 49 CFR

### SECTION 15: REGULATORY INFORMATION

#### United States:

TSCA (Toxic Substance Control Act): This product or its components are listed on the TSCA Inventory. This product or its components do not contain any chemicals subject to any rules or orders under TSCA sections 4, 5, 6, 7, or 8(d).

SARA 311/312—Hazard Categories: Immediate/Acute Health (irritant): YES

Immediate/Acute Health Hazard: Yes

Delayed/Chronic Health Hazard: Yes

Fire Hazard: No

Pressure Hazard: No


Reactivity Hazard: No

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)

 **WARNING:** This product contains chemical(s) known in the State of California to cause cancer and birth defects or other reproductive harm.

(0.19%) methanol

#### 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	HMIS
Health	1
Flammability	0
Reactivity	0

#### Personal Protection

Safety goggles, neoprene rubber gloves, vapor respirator

**Prepared by** Kretus Inc

**Revision date** 1/16/23

**Revision Note** Reformatting

The information and recommendations presented herein are accurate to the best of our knowledge. User must conduct their own tests to determine the suitability of these products for their particular purposes and usage.

Because of numerous factors affecting results, KRETUS® Inc and its affiliation makes no warranty of any kind, express or implied, including those of merchantability and fitness for purpose, other than material conforms to our applicable current specifications. KRETUS® Inc assumes no legal responsibility for use or reliance on the information contained in this safety data sheet.