# KRETUS®

## Safety Data Sheet

### SECTION 1: IDENTIFICATION

**Product Name: KRETUS® Acrylic Primer Bonder Resin**

**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

Skin Corrosion/Irritation: Category 1

Eye Irritation: Category 1

**Danger**

Causes serious eye irritation. May cause respiratory irritation.

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

### 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) |
|---|---|---|
| Octylphenol ethoxylate | 9036-19-5 | 1 - 3% |

| | | |
|---|---|---|
| 2,2,4-trimethyl-1,3-pentanediol monoisobutyrate | 25265-77-4 | <1% |
| Proprietary | | 90-100% |

## SECTION 4: FIRST-AID MEASURES

**Inhalation:** Call a POISON CENTER or doctor if you feel unwell.

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

**Eye:** 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.

**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 (CO2).

**Hazardous Combustion Products**

May include carbon monoxide (CO), carbon dioxide (CO2).

## 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

**Engineering measures:** Ensure adequate ventilation, especially in confined areas. Provide local exhaust ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.

**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**

**Eye/face:** Wear safety glasses with side shields (or goggles).

**Hand:** There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed. Gloves should be replaced regularly and if there is any sign of damage to the glove material. Always ensure that gloves are free from defects and that they are stored and used correctly. The performance or effectiveness of the glove may be reduced by physical / chemical damage and poor maintenance. Wear protective gloves.

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

**Thermal:** No

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|---|
| **Appearance** | liquid; colorless |
| **Odor** | Mild |
| **Odor Threshold** | <1 ppm |
| **pH** | 8/9 |
| **Melting/Freezing Point** | <-70.25°C |
| **Initial Boiling Point and Boiling Range** | 255-261.5°C |
| **Flash Point** | 100°C |
| **Method** | Closed Cup |
| **Evaporation Rate** | not applicable |
| **Flammability** | No Information Available |
| **Upper/Lower Flammability or Explosive Limits** | No Information Available |
| **Auto-Ignition Temperature** | No Information Available |
| **Vapor Pressure** | Texanol = 1.3 Pa (20°C) |
| **Vapor Density** | Texanol = 7.5 |
| **Relative Density/Specific Gravity** | 0.79 |
| **Solubility(ies)** | Texanol = 0.5 - 3.79 g/l (25°C) |
| **Partition Coefficient: n-octanol/water** | No Information Available |
| **Decomposition Temperature** | No Information Available |
| **Viscosity** | No Information Available |
| **VOC (Volatile Organic Compounds)** | 0 mg/L |
| **WPG** | 8.83 - 9.1 |

## SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** None reasonably foreseeable.
**Chemical stability:** Stable under normal conditions.
**Possibility of hazardous reactions:** Stable.
**Conditions to avoid:** None known.
**Incompatible materials:** Strong oxidizing agents.
**Hazardous decomposition products:** Carbon monoxide Carbon dioxide ($CO_2$).

## SECTION 11: TOXICOLOGICAL INFORMATION

| Component | LD50 Oral | LD50 Dermal | LC50 Inhalation |
|---|---|---|---|
| Octylphenol ethoxylate | = 1700 mg/kg ( Rat ) = 4190 mg/kg ( Rat ) - - Numerical measures of toxicity - Product Information | - | - |
| 2,2,4-trimethyl-1,3-pentanediol monoisobutyrate | 6,500 mg/kg | LD50 Dermal (Rabbit): > 15,200 mg/kg | LC50 (Rat): > 3.55 mg/l Exposure time: 6 h Remarks: (highest concentration tested) |

**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 | NOEC = 415 mg/l Exposure time: (72 h) | LC50 = 33 mg/l Exposure time: 96 h | - | EC50 = 147.8 mg/l Exposure time: 48 h |

## 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 CLASSES | PACKING GROUP | ENVIRONMENTAL HAZARDS |
|---|---|---|---|---|---|
| **DOT** | **Not Regulated** | **Not Regulated** | **Not Regulated** | **Not Regulated** | **Not Regulated** |
| **IMO/IMDG** | **Not Regulated** | **Not Regulated** | **Not Regulated** | **Not Regulated** | **Not Regulated** |
| **IATA/CAO** | **Not Regulated** | **Not Regulated** | **Not Regulated** | **Not Regulated** | **Not Regulated** |

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): NO

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** | **HMIS** |
|---|---|
| Health | 2 |
| Flammability | 1 |
| Reactivity | 0 |

**Personal Protection:** Safety goggles, neoprene rubber gloves, vapor respirator

**Prepared by** Kretus Inc

**Revision date** 1/13/23

**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.