# KRETUS®

## Safety Data Sheet

### SECTION 1: IDENTIFICATION

**Product Name: KRETUS® Acrylic Sealer SB (Gloss, Low Gloss)**

**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

Flammable Liquids: Category 1

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

Skin Corrosion/Irritation: Category 3

Eye Irritation: Category 2A

Carcinogenicity: Category 1B

Aspiration Hazard: Category 2

**DANGER**

Highly flammable liquid and vapor. Causes serious eye irritation. May cause an allergic skin reaction and/or respiratory irritation. Causes damage to organs through prolonged or repeated exposure if swallowed.

**Precautionary measures:**

Use only outdoors or in a well-ventilated area. Do not breathe fumes/spray. Wear protective gloves/protective clothing/eye protection/face protection. Wash hands thoroughly after handling.

Keep container tightly closed and away from heat/sparks/open flames/hot surfaces. - No smoking. Take precautionary measures against static discharge. Ground/bond container and receiving equipment. Use only non-sparking tools and explosion-proof electrical/ventilating/lighting equipment.

In case of fire, use dry chemical to extinguish.

**Response:**

**IF ON SKIN (or hair):** Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.

**IF IN 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.

**IF INHALED:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

**Storage:** Keep container tightly closed and locked in a cool, well-ventilated place.

**Disposal:** Dispose of contents/container to an approved waste disposal plant following applicable laws and regulations, and product characteristics at time of disposal.

## 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) |
|---|---|---|
| Acetone | 000067-64-1 | 5-60% |
| Parachlorobenzotrifluoride | 000098-56-6 | 5-60% |
| Proprietary | | 20-30% |

## SECTION 4: FIRST-AID MEASURES

**Contact with Eyes**

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

**Contact with Skin**

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

**After Inhalation**

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**After Ingestion**

If ingested, do not induce vomiting. Parachlorobenzotrifluoride is not soluble. Do not give fluids. If spontaneous vomiting is inevitable, prevent aspiration by keeping the victim's head below the knees. Get medical attention.

## SECTION 5: FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

Dry chemical. Alcohol-Resistant Foam. Carbon Dioxide ($CO_2$).

**Advice for Fire-Fighters**

Wear pressure-demand self-contained breathing apparatus (MSHA/NIOSH-approved or equivalent) and full protective gear. Cool endangered containers with water in case of fire. Do not allow quenching water into sewers or waterways.

Flash Point: -4°F (closed cup method)

Upper Flame Limit (volume % in air): 13

Lower Flame Limit (volume % in air): 2.5

**Special Risks—Unusual Fire and Explosion Hazards**

Highly flammable. Vapors may form explosive mixtures with air. Vapors are heavier than air and may travel along the ground to some distant source of ignition and flash back.

**Hazardous Combustion Products**

May include carbon monoxide, carbon dioxide ($CO_2$).

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

No action shall be taken involving any personal risk or without suitable training.

Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see Section 8).

**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).

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

Stop leak if without risk. Move containers from spill area. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Note: see section 1 for emergency contact information and section 13 for waste disposal.

## 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. Empty containers retain product residue and can be hazardous. Do not get in eyes, skin or clothing. Do not ingest. Avoid release to the environment.

**Conditions for Safe Storage**

Store between 4 to 40°C (40 to 104°F) in accordance with local regulations away from sources of heat, ignition, and direct sunlight. Store in original container. Keep in a dry, well-ventilated area, and away from incompatible materials (see Section 10). 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, unapproved, or reactive containers. Use appropriate containment to avoid environmental contamination.

**Incompatible Materials or Ignition Sources**

Hazardous polymerization does not occur. Avoid oxidizing agents. Avoid heat, flames and sparks. Hazardous decomposition products include chlorine and fluorine containing gases, carbon dioxide, carbon monoxide and other undetermined compounds.

## SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|---|---|---|---|
| Acetone | TWA: 2500 ppm<br>STEL: 500ppm | (Vacated) TWA: 750 ppm<br>(Vacated) TWA: 1800 mg/m3<br>(Vacated) STEL: 1000 ppm<br>(Vacated) STEL: 2400 mg/m3<br>TWA: 1000ppm | IDLH: 2500ppm<br>TWA: 250 ppm<br>TWA: 590 mg/m3 |

| | | | |
|---|---|---|---|
| | | TWA: 2400 mg/m3 | |
| Parachlorobenzotrifluoride | TWA: 20 ppm | TWA: 20 ppm | TWA: 20 ppm |

**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

| | |
|---|---|
| **Appearance** | liquid; colorless |
| **Odor** | No Data Available |
| **Odor Threshold** | <1 ppm |
| **pH** | 8/9 |
| **Melting/Freezing Point** | -159°F |
| **Initial Boiling Point and Boiling Range** | 132°F |
| **Flash Point** | -4°F |
| **Method** | Closed Cup |
| **Evaporation Rate** | 5.6 |
| **Flammability** | No Data Available |
| **Upper/Lower Flammability or Explosive Limits** | No Data Available |
| **Auto-Ignition Temperature** | No Data Available |
| **Vapor Pressure** | 247nbar@20C |

| | |
|---|---|
| **Vapor Density** | 2.0 |
| **Relative Density/Specific Gravity** | 0.79 |
| **Solubility(ies)** | Soluble in Water |
| **Partition Coefficient: n-octanal/water** | No Data Available |
| **Decomposition Temperature** | No Data Available |
| **Viscosity** | No Data Available |
| **VOC (Volatile Organic Compounds)** | 0 mg/L |
| **WPG** | 8.83-9.1 |

## SECTION 10: STABILITY AND REACTIVITY

**Chemical stability:** Stable under normal conditions. Hazardous reactions will not occur.

**Conditions to avoid:** Flames, Sparks, Heat.

**Materials to avoid:** Oxidizing agents, Aldehydes, Amines, Strong alkaline and strong acid materials in order to avoid exothermic reactions.

**Hazardous decomposition products:** Carbon monoxide (CO), Carbon dioxide ($CO_2$).

**Hazardous polymerization:** Under normal conditions hazardous polymerization will not occur.

## SECTION 11: TOXICOLOGICAL INFORMATION

| Component | LD50 Oral | LD50 Dermal | LC50 Inhalation |
|---|---|---|---|
| Acetone | 5800 mg/kg (rat) | >15800mg/kg (rabbit)<br>>7400 mg/kg (rat) | 76 mg/L, 4hr, (rat) |
| Parachlorobenzotrifluoride | >6.8 g/kg (rat) | >2.7 g/kg (rabbit) | >4479 ppm (rat) |

**After inhalation:** TK

**After eye contact:** TK

**After skin contact:** TK

**After ingestion:** TK No hazard expected after contact with small quantities.

**Toxicologically Synergistic**

Carbon tetrachloride; Chloroform; Trichloroethylene; Bromodichloromethane; Dibromochloromethane; N-nitrosodimethylamine; 1,1,2-Trichloroethane; Styrene; Acetonitrile, 2,5-Hexanedione; Ethanol; 1,2-Dichlorobenzene

Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Irritation:** Irritating to eyes and skin

**Sensitization:** No information available

**Carcinogenicity:** The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Component | CAS No. | IARC | NTP | ACGIH | OSHA |
|---|---|---|---|---|---|
| Acetone | 000067-64-1 | Not listed | Not listed | Not listed | Not listed |
| Parachlorobenzotrifluoride | 000098-56-6 | Not listed | Not listed | Not listed | Not listed |

**Mutagenic Effects:** No information available

**Reproductive Effects:** No information available.

**Developmental Effects:** No information available.

**Teratogenicity:** No information available.

**STOT - single exposure:** Central nervous system (CNS)

**STOT - repeated exposure:** Kidney Liver spleen Blood

**Aspiration hazard:** No information available

**Symptoms / effects, both acute and delayed:** Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting: May cause pulmonary edema: Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting

**Endocrine Disruptor Information:** No information available

**Other Adverse Effects:** The toxicological properties have not been fully investigated.

## SECTION 12: ECOLOGICAL INFORMATION

Prevent from entering sewer or waterway. This material is not expected to be harmful to aquatic life. Component Analysis - Ecotoxicity - Aquatic Toxicity

| Component | Freshwater Algae | Freshwater Fish | Microtox | Water Flea |
|---|---|---|---|---|
| Acetone | NOEC = 430 mg/l (algae; 96 h) | Oncorhynchus mykiss: LC50 = 5540 mg/l 96h<br>Alburnus: LC50 = 11000 mg/l 96h<br>Leuciscus idus: LC50 = 11300 mg/L/48h<br>Salmo gairdneri: LC50 = 6100 mg/L/24h | EC50 = 14500 mg/L/15 min | EC50 = 8800 mg/L/48h EC50 = 12700 mg/L/48h EC50 = 12600 mg/L/48h |
| Parachlorobenzotrifluoride | IC50 (72 hr.) (Green & Blue-green algae) 500 mg/L | LC50 (96 hr.) (Rainbow trout) 13.5 mg/L LC50 (96 hr.) (Bluegill sunfish) 12.0 mg/L MATC (31 day) (Fathead minnow) >0.54 | | LC50 (48 hr.) (Water flea) 12.4 mg/L MATC (21 day) (Water flea) >0.03 < 0.05 mg/L* |

Persistence and Degradability Persistence is unlikely based on information available.

Bioaccumulation/ Accumulation No information available.

Mobility Will likely be mobile in the environment due to its volatility

| Component | LOG KOW |
|---|---|
| Acetone | -0.24 |
| Parachlorobenzotrifluoride | 3.7 |

## 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

**DANGER**


| | UN Number | UN Proper Shipping Name | Transport Hazard Class(es) | Packing Group | Environmental Hazards |
|---|---|---|---|---|---|
| **DOT** | UN1263 | Paint Related Material | 3 | II | Marine Pollutant |
| **IMO/IMDG** | UN1263 | Paint Related Material | 3 | II | Marine Pollutant |
| **IATA/CAO** | UN1263 | Paint Related Material | 3 | II | Marine Pollutant |

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

**Section 313:** This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

| Component | CAS No. |
|---|---|
| Acetone | 000067-64-1 |
| Parachlorobenzotrifluoride | 000098-56-6 |

## SECTION 15: REGULATORY INFORMATION

**U.S. State Regulations**

Warning! This product can expose you to PCBTF (Parachlorobenzotrifluoride), which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

**WHMIS Classification**

B2- Flammable Liquid

D2B- Toxic Material

This product has been classified in accordance with the hazard criteria of the Controlled Products.

Regulations and the SDS contain all the information required by the Controlled Products Regulations.

## SECTION 16: OTHER INFORMATION

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

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

**Prepared by** Kretus, Inc.

**Revision Date** 1/16/23

**Revision Note** Reformatting

**Disclaimer**

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® 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® assumes no legal responsibility for use or reliance on the information contained in this safety data sheet.