



SECTION 1 - IDENTIFICATION

Table with 2 columns: Manufacturer information (Black Swan Mfg. Co., Chicago, IL) and Recommended Use (plugging, sealing, mending and patching almost anything).

SECTION 2 - HAZARD(S) IDENTIFICATION

Table with 2 main columns: Hazardous Statements (H315, H317, H320) and Precautionary Statements (P261, P264, P272, P280). Includes NFPA diamond, HMIS labels, and GHS Classification.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Table with 5 columns: Chemicals, CAS#, EINECS#, REACH Pre-registration Number, and Approx %. Lists ingredients like BISPHENOL-A, EPOXY RESIN, and SILICA.

SECTION 4 - FIRST-AID MEASURES

Inhalation: Move into fresh air. Skin: Remove contaminated clothing and shoes. Eyes: Flush with water for 15 minutes. Ingestion: Give 1 or 2 glasses of water. DO NOT INDUCE VOMITING.

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SECTION 5 – FIRE-FIGHTING MEASURES

Fire Hazard: None.
Combustion Products: None.
Extinguishing Media: Carbon Dioxide Gas, Dry Chemical Powder.
Unsuitable Extinguishing Media: Water, Foam.
Protective Equipment: Self-contained breathing apparatus {(SCBA), MSHA/NIOSH}. Full protective gear.
Special Fire Fighting Procedures: Evacuate area of unprotected personnel. Use cold water spray to cool fire exposed containers, to minimize risk of rupture. Do NOT enter confined fire space without full protective gear. If possible, contain fire run-off water.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions: Evacuate area and keep unnecessary and unprotected personnel from entering the spill area.
Protective Equipment: None.
Emergency Procedures: None.
Environmental Precautions: Avoid runoff into storm sewers, ditches and waterways.
Methods for Cleaning Up: Absorb spill with inert material, then place in a chemical waste container. Provide ventilation. Clean up spills immediately observing precautions in the protective equipment section. After removal, flush spill area with soap and water to remove trace residue. Avoid personal contact and breathing vapors or mists. Ventilate area.

SECTION 7 – HANDLING AND STORAGE

<u>Handling</u>	<u>Storage</u>
Use with adequate ventilation. Avoid breathing vapors, aerosol or mist. Provide appropriate ventilation/respiratory protection against decomposition products during welding/flame cutting operations and to protect against dust during sanding /grinding of cured product.	Store in a cool, dry, well-ventilated area away from sources of heat and incompatible materials. Keep container tightly closed when not in use.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Hazardous Chemicals</u>	<u>Exposure Limits</u> <u>ACGIH-TLV</u>	<u>ACGIH-STEL</u>	<u>OSHA-PEL</u>
CRYSTALLINE SILICA NON-RESPIRABLE	TWA: 0.025 mg/m ³ - FORM: RESPIRABLE FRACTION	N/A	TWA: 10 mg/m ³ FORM: RESPIRABLE

Engineering Controls: Use appropriate engineering controls such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.
Ventilation: Good general ventilation should be sufficient to control airborne levels. Where such systems are not effective wear suitable personal protective equipment.
Personal Protective Equipment – Respiratory: A NIOSH approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.
Personal Protective Equipment – Skin: Wear appropriate protective gloves and other protective apparel to prevent skin contact.
Personal Protective Equipment – Eyes: Wear appropriate protective glasses or splash goggles.

SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

Appearance: Putty	Flash Point: >400°F (205.4°C)	Vapor Pressure: 0.03mm Hg @20°C
Odor: Slight	Specific Gravity: 1.19	Flammability: Not Established
pH: Not Established	Solubility (H2O): Negligible	Flammability Limits: LEL – Not Established
Melting Point: Not Established	Evaporation Rate: <<1	UEL – 11.8%
Freezing Point: Not Established	Vapor Density: >1	
Boiling Point: >500°F (260°C)	VOC: 0 g/l	

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SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable.

Hazardous polymerization: Will not occur.

Conditions to avoid: Extreme heat, sparks, and open flame. Incompatible materials, oxidizers and oxidizing conditions. Heating resin above 300°F in the presence of air may cause slow oxidative decomposition.

Incompatible materials: Strong Lewis or mineral acids, strong oxidizing agents, strong mineral and organic bases (specially primary and secondary aliphatic amines).

Hazardous decomposition products: None known.

SECTION 11 – TOXICOLOGICAL INFORMATION

<u>Hazardous Chemicals</u>	<u>Toxicity</u>	
	<u>LD₅₀</u>	<u>LC₅₀</u>
2,4,6-TRIS (DIMETHYLAMINOMETHYL) PHENOL	Dermal: 1280 mg/kg (rat) Oral: 1200 mg/kg (rat)	N/A N/A

Likely Routes of Exposure: Inhalation, Skin Contact, Eye Contact and Ingestion.

Symptoms and Effect - Inhalation: Respiratory tract irritation. High concentration may cause dizziness, headaches, and anesthetic effects. May cause respiratory sensitization with asthma-like symptoms.

Skin Contact: Can cause skin irritation; itching, redness, rashes, hives, burning and swelling. Allergic reactions are possible. May cause skin sensitization, an allergic reaction.

Eye Contact: Can cause moderate irritation, burning sensation, tearing, redness and swelling. Over exposure may cause lacrimation, corneal damage and permanent injury.

Ingestion: Causes irritation, a burning sensation of the mouth, throat and gastrointestinal tract and abdominal pain.

Long-Term Effect: Prolonged skin contact may lead to burning associated with severe reddening, swelling, and possible tissue destruction. Overexposure can cause headaches, dizziness, nausea and vomiting.

Pre-Existing Conditions: Individuals with pre-existing skin disorders, asthma, allergies or known sensitization may be more susceptible to the effects of this product.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity: None known.

Persistence & Degradability: None known.

Bioaccumulative Potential: None known.

Mobility in soil: None known.

SECTION 13 – DISPOSAL CONSIDERATION

Dispose of product or container in accordance with federal, state or local regulations.

SECTION 14 – TRANSPORTATION INFORMATION

D.O.T. (U.S.): Not Regulated.

SECTION 15 – REGULATORY INFORMATION

Precautionary Label Information: None.

Risk Phrases: None.

Safety Phrases: S2-Keep out of reach of children.

SECTION 16 – OTHER INFORMATION

Information on this form is furnished solely for the purpose of compliance with the Occupational Safety and Health Act and shall not be used for any other purpose. Black Swan Mfg. Co. urges the customers receiving this Material Safety Data Sheet to study it carefully to become aware of the hazards, if any, of the product involved. In the interest of safety, you should notify your employees, agents and contractors of the information on the sheets. DATE: 01/01/2021