



Material Safety Data Sheet

CR633 StoPoxy Binder

Section I - Manufacturer's Information

Identity: **StoPoxy Binder** Common Name/Synonym: **Epoxy-Based Adhesive**

Manufacturer's Name: **Sto Corp.** Information #: **(404) 346-3666** DOT Hazardous Class: **Corrosive Liquid**
6175 Riverside Drive, SW Emergency #: **(800) 424-9300** CAS Number: **Not Registered**
Atlanta, GA 30331

Section II - Preparation Information

Prepared By: **Sto Corp. Research and Development Department** Date Prepared: **05-Dec-06**

Section III - Hazardous Ingredients

Component - A Ingredient	Percent w/w	CAS Number	TWA/TLV			LD50	LC50
			OSHA	ACGIH	Other		
Bisphenol a-(epichlorohydrin)	60-100	25068-38-6	N/E mg/m ³	N/E mg/m ³	N/E mg/m ³	N/E	N/E
Aliphatic Glycidyl Ether	10-30	2461-15-6	N/E mg/m ³	N/E mg/m ³	N/E mg/m ³	N/E	N/E

Component - B Ingredient	Percent w/w	CAS Number	TWA/TLV			LD50	LC50
			OSHA	ACGIH	Other		
2,4,6Tri(dimethylaminomethyl)phenol	5-10	90-72-2	10.0 mg/m ³	5.0 mg/m ³	N/E mg/m ³	N/E	N/E
1,2-Cyclohexanediamine	60-100	694-83-7	N/E mg/m ³	N/E mg/m ³	N/E mg/m ³	N/E	N/E

Section IV - Physical/Chemical Characteristics

Component - A			
Boiling Point: N/D	Vapor Density [Air=1]: > 1	Vapor Pressure: N/E	pH Level: N/D
Melting Point: N/E	Evaporation Rate [Ether=1]: < Butyl Ace	Physical State: Liquid	Solubility in Water: Insoluble
Freezing Point: N/D	Specific Gravity: [H2O=1]: 1.12	Odor Threshold: N/E	Coefficient of Water/Oil Distribution: N/E
Appearance and Odor: Clear Liquid- Mild Odor			

Component - B			
Boiling Point: N/D	Vapor Density [Air=1]: > 1.0	Vapor Pressure: N/E	pH Level: N/D
Melting Point: N/E	Evaporation Rate [Ether=1]: < Butyl Ace	Physical State: Liquid	Solubility in Water: Insoluble
Freezing Point: N/D	Specific Gravity: [H2O=1]: 0.96	Odor Threshold: N/E	Coefficient of Water/Oil Distribution: N/E
Appearance and Odor: Amber Liquid- Distinctive Odor			

Section V - Fire and Explosion Hazard Data

Component - A			
Flammability: N/E	Flash Point: > 200 deg F	Autoignition Temperature: N/A	
Limits LEL/UEL: N/A - N/A	Sensitivity to impact: None	Sensitivity to Static Discharge: None	
Hazardous Decomposition Products: CO, CO2, NOx	Special Firefighting Procedures: SCBA, full protective gear		
Unusual Fire and Explosive Hazards: None	Extinguishing Media: NFPA Class B-C extinguisher (dry chemical or foam) for Class 1C fires		

Component - B			
Flammability: N/E	Flash Point: > 200 deg F	Autoignition Temperature: N/E	
Limits LEL/UEL: N/A - N/A	Sensitivity to impact: None	Sensitivity to Static Discharge: None	
Hazardous Decomposition Products: CO, CO2, NOx	Special Firefighting Procedures: SCBA, full protective gear		
Unusual Fire and Explosive Hazards: None	Extinguishing Media: NFPA Class B-C extinguisher (dry chemical or foam) for Class 1C fires		



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Section VI - Reactivity Data

Component - A

Hazardous Decomposition Products: **CO, CO₂, NO_x**

Stability: **Stable**

Incompatibility (Materials to Avoid): **Strong oxidizers, acids and bases**

Hazardous Polymerization: **None**

Conditions to Avoid: **None**

Component - B

Hazardous Decomposition Products: **CO, CO₂, NO_x**

Stability: **Stable**

Incompatibility (Materials to Avoid): **Strong oxidizers, acids and bases**

Hazardous Polymerization: **None**

Conditions to Avoid: **None**

Section VII - Health Hazard Data

Carcinogenicity: **No**

NTP: **No**

IARC: **No**

OSHA Regulated: **No**

LD50: **N/E**

LC50: **N/E**

Effects and Hazards of

Eye Contact: **May cause irritation, sensitization and may lead to eye damage.**

Effects and Hazards of

Inhalation (Breathing): **May cause irritation to nose and throat.**

Effects and Hazards of

Skin Contact: **May cause irritation and dermatitis.**

Effects and Hazards of

Ingestion (Swallowing): **May cause irritation of the mouth, stomach and sensitization.**

Section VIII - Emergency and First Aid Procedures

Treatment for Eye

Contact: **Flush the eyes with plenty of water for at least 15 minutes. If necessary, gently hold eyelids open during the flush. Immediately seek medical attention.**

Treatment for Inhalation

(Breathing): **If respiratory irritation occurs, go to fresh air. Flood work area with fresh air and if irritation continues, seek medical attention.**

Treatment for Skin

Contact: **Remove contaminated clothing and shoes. Wash affected area(s) thoroughly with soap and water. If irritation persists, seek medical attention. SOLVENTS SHOULD NOT BE USED because they carry the irritant into the skin.**

Treatment for Ingestion

(Swallowing): **Obtain immediate medical attention. Do not induce vomiting. Should vomiting occur, be sure to keep victim's head below hips to avoid aspiration of vomitus into the lungs.**

Section IX - Precautions for Safe Handling and Use

Steps to be taken in case

material is released or

spilled (Dry Stage): **Dispose of in proper receptacle.**

Steps to be taken in case

material is released or

spilled (Wet Stage):

Absorb with an inert material (sand, vermiculite). Dispose of in proper receptacle. Flush area with water (prevent water from entering waterways).

Waste Disposal

Method:

Per local, state and federal regulations.

Precautions To Be Taken

In Handling and Storing:

Store in a cool/dry location. Store away from sparks and open flames.

Other Precautions:

This material is an industrial product designed to be used by professionals familiar with the requirements of this MSDS.

Respiratory Protection:

Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134) and if necessary, wear OSHA/NIOSH approved respirator. Select respirator based on its suitability to provide adequate worker protection for given working conditions, level of airborne contamination, and presence of sufficient oxygen.

Ventilation:

Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PEL's. Local exhaust ventilation is preferred because it prevents containment dispersion into the work area by controlling it at its source.

Protective Gloves:

Wear chemically protective gloves to prevent prolonged or repeated skin contact.

Eye Protection:

Wear protective goggles and face shield, per OSHA eye and face protection (29 CFR 1910.133).

Other Protective

Equipment:

Protective boots and apron.



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Work and Hygienic

Practices: **Remove and wash contaminated clothing. As with all commercial and industrial products, always wash hands before eating or smoking.**

California Proposition 65: **This product does not contain any material considered a carcinogen by the State of California.**

The information and recommendations contained herein are, to the best of Sto Corp.'s knowledge and belief, accurate and reliable as of the date issued. Sto Corp. does not warrant or guarantee their accuracy or reliability, and Sto Corp. shall not be liable for any loss or damage arising out of their use thereof. The information and recommendations are offered for the users' consideration and examination, and it is the users' responsibility to satisfy itself that they are suitable and complete for its particular use.