



Material Safety Data Sheet

CR631 StoPoxy Adhesive

Section I - Manufacturer's Information

Identity: **StoPoxy Adhesive**

Common Name/Synonym: **Epoxy-Based Adhesive**

Manufacturer's Name: **Sto Corp.**
6175 Riverside Drive, SW
Atlanta, GA 30331

Information #: **(404) 346-3666**
Emergency #: **(800) 424-9300**

DOT Hazardous Class: **Corrosive Liquid**
CAS Number: **Not Registered**

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		
Aliphatic Glycidyl Ether	5-10	2461-15-6	N/E mg/m ³	N/E mg/m ³	N/E mg/m ³	N/E	N/E
Titanium Dioxide	1-5	13463-67-7	10.0 mg/m ³	10.0 mg/m ³	N/E mg/m ³	N/E	N/E
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

Component - B Ingredient	Percent w/w	CAS Number	TWA/TLV			LD50	LC50
			OSHA	ACGIH	Other		
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
2,4,6Tri(dimethylaminomethyl)phenol	1-5	90-72-2	10.0 mg/m ³	5.0 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]: **1.05** Odor Threshold: **N/E**
 Appearance and Odor: **Gray Liquid - Mild Odor** Coefficient of Water/Oil Distribution: **N/E**

Component - B

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]: **0.96** Odor Threshold: **N/E**
 Appearance and Odor: **Amber Liquid - Strong Distinctive Odor** Coefficient of Water/Oil Distribution: **N/E**

Section V - Fire and Explosion Hazard Data

Component - A

Flammability: **N/E** Flash Point: **> 200 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**



Material Safety Data Sheet

CR631 StoPoxy Adhesive

Component - B

Flammability: N/E	Flash Point: > 200 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: N/A	Extinguishing Media: NFPA Class B-C extinguisher (dry chemical or foam) for Class 1C fires	

Section VI - Reactivity Data

Component - A

Hazardous Decomposition Products: CO, CO2, NOx	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, NOx	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. 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.



Material Safety Data Sheet

CR631 StoPoxy Adhesive

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.**

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 which is 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.