

Material Safety Data Sheet

CR630 Sto Epoxy Binder LM

Section I - Manufacturer's Information

Identity: **Sto Epoxy Binder LM** Common Name/Synonym: **Low Modulus Epoxy Coating**

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

Section II - Preparation Information

Prepared By: **Sto Corporation Government Regulations and Safety Department** Date Prepared: **13-Mar-00**

Section III - Hazardous Ingredient

Ingredient	Percent w/w	CAS Number	TWA/TLV				LD50	LC50
			OSHA	ACGIH	Other			
Epoxy Resin	60-100	25068-38-6	N/Emg/m ³			N/E	N/E	

Ingredient	Percent w/w	CAS Number	TWA/TLV				LD50	LC50
			OSHA	ACGIH	Other			
Naphthalene	1-5	91-20-3	50mg/m ³	52 mg/m ³	STEL 75 mg/m ³	2,622 mg/m ³	N/E	

Component B is a multi-component liquid. The liquid and its vapors are severely irritating to the skin, eyes and mucous membranes of the respiratory tract. Contact with the liquid causes burns. Ingestion and inhalation may damage the tissues of the respiratory tract. The chemical abstract numbers for Sto Epoxy Binder SLV Component B are trade secrets. Consult Sections VII -Health Hazard Data and Section IX-Precautions for Safe handling and Use for employee application protection.

Section IV - Physical/Chemical Characteristics

Component - A

Boiling Point: **N/E** Vapor Density (Air=1): **>1** Evaporation Rate: **<1** [Ether=1] pH Level: **Alkaline**
Melting Point: **N/E** Vapor Pressure: **N/E** Physical State: **Liquid** Solubility in Water: **Insoluble**
Freezing Point: **N/E** Specific Gravity: [H₂O=1] **>1.0** Odor Threshold: **N/E**
Appearance and Odor: **Yellow liquid --mild odor** Coefficient of Water/Oil Distribution: **N/E**

Component - B

Boiling Point: **N/E** Vapor Density (Air=1): **>1** Evaporation Rate: **N/E** [Ether=1] pH Level: **Alkaline**
Melting Point: **N/E** Vapor Pressure: **N/E** Physical State: **Liquid** Solubility in Water: **Insoluble**
Freezing Point: **N/E** Specific Gravity: [H₂O=1] **>1.0** Odor Threshold: **N/E**
Appearance and Odor: **liquid- amine odor** Coefficient of Water/Oil Distribution: **N/E**

Section V - Fire and Explosion Hazard Data

Component - A

Flammability: **N/E** Flash Point: **>200 deg F** Autoignition Temperature: **N/E**
Limits LEL/UEL: **N/E - N/E** Sensitivity to impact: **None** Sensitivity to Static Discharge: **None**
Haz Decom. Pdts: **COx, NOx, smoke, hydrocarbons** Extinguishing Media: **Water spray, foam, dry chemical**
Unusual Fire and Explosive Hazards: **None** Special Firefighting Procedures: **SCBA, full protective gear**

Component - B

Flammability: **N/E** Flash Point: **>200 deg F** Autoignition Temperature: **N/E**
Limits LEL/UEL: **N/E - N/E** Sensitivity to impact: **None** Sensitivity to Static Discharge: **None**
Haz Decom. Pdts: **COx, NOx, smoke, hydrocarbons** Extinguishing Media: **Water spray, foam, dry chemical**
Unusual Fire and Explosive Hazards: **None** Special Firefighting Procedures: **SCBA, full protective gear**

Section VI - Reactivity Data

Component - A

Haz. Decomposition Products: **None** Incompatibility (Materials to Avoid): **Strong oxidizers, Strong Bases** Conditions to Avoid: **None**

Stability: **Stable** Conditions to Avoid: **None** Hazardous Polymerization: **None**

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Component - B

Haz. Decomposition Products: **None** Incompatibility (Materials to Avoid): **Strong oxidizers, strong bases** Conditions to Avoid: **None**
Stability: **Stable** Conditions to Avoid: **None** Hazardous Polymerization: **None**

Section VII - Health Hazard Data

Carcinogenicity: **No** NTP: **No** IARC: **No** OSHA Regulated: **No** LD50: **N/A** LC50: **N/A**
Effects and Hazards of Eye Contact: **Direct contact with material may cause irritation**
Effects and Hazards of Inhalation (Breathing): **May cause some stomach distress.**
Effects and Hazards of Skin Contact: **Contact with skin may cause reddening or a slight rash in individuals with sensitive skin.**
Effects and Hazards of Ingestion (Swallowing): **Prolonged exposure to respirable dust may cause delayed (chronic) lung injury.**

Section VIII - Emergency and First Aid Procedures

Treatment for Eye Contact: **As with an foreign material in the eyes, they should be flushed for fifteen minutes with running water while holding the eyes open. This will assist in flushing material from the eye. If irritation continues, 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: **Wash with mild soap and water. Hand creams should be used to prevent dry skin. If skin irritation, reddeining or a reash occur, seek medical attention.**
Treatment for Ingestion (Swallowing): **Contact medical help immediately; untrained first aid personnel should not attempt to administer first aid.**

Section IX - Precautions for Safe Handling and Use

Steps to be taken in case material is released or spilled (Dry Stage): **Sweep and dispose of in proper receptable.**
Steps to be taken in case material is released or spilled (Wet Stage): **Scoop into proper receptable and allow to harden.**
Waste Water Disposal Method: **Per local, state and federal regulations.**
Other Precautions: **None**
Respiratory Protection: **Respiratory protection is not required for normal use of this products. If material is ground upon or sanded when it is dry, NIOSH/MSHA approved respirators for dust should be provided and worn. All workers required to use respiratory protection should be trained in their proper selection, use and care.**
Ventilation: **Recommended; local or mechanical when using the product or sanding in the dry state.**
Protective Gloves: **Recommended; plastic or rubber.**
Eye Protection: **Recommended; chemical splash safety goggles.**
Other Protective Equipment: **Recommended; spalsh bib and protective clothing.**
Work and Hygienic Practices: **Remove and wash contaminated clothing. As with all commercial and industrial products, always wash hands before eating or smoking.**

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.