



Material Safety Data Sheet

CR514 Sto Acrylic Urethane Sealer

Section I - Manufacturer's Information

Identity: **Sto Acrylic Urethane Sealer** Common Name/Synonym: **Acrylic Urethane Enamel**

Manufacturer's Name: **Sto Corp.** Information #: **(404) 346-3666** DOT Hazardous Class: **Not Regulated**
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: **03-Oct-07**

Section III - Hazardous Ingredients

Component - A Ingredient	Percent w/w	CAS Number	TWA/TLV			LD50	LC50
			OSHA	ACGIH	Other		
N-Butyl Acetate	7-13	123-86-4	200 ppm mg/m ³	200 ppm mg/m ³	N/A mg/m ³	00 (rat)	35 (rat)
2, 4-Pentanedione	1-5	123-54-6	N/A mg/m ³	N/A mg/m ³	TWA- 20 ppm mg/m ³	N/E	N/E
Ethyl Benzene	0.5-1.5	100-41-4	125 ppm mg/m ³	125 ppm mg/m ³	N/A mg/m ³	N/E	N/E
Methyl Amyl Ketone	7-13	110-43-0	100 ppm mg/m ³	50 ppm mg/m ³	N/A mg/m ³	g/kg (rat)	ppm (rat)
2-(2-Butoxyethoxy) ethyl acetate	1-5	124-17-4	N/A mg/m ³	N/A mg/m ³	N/E mg/m ³	6470	N/A
Ethyl 3-Ethoxypropionate	7-13	763-69-9	N/A mg/m ³	N/A mg/m ³	N/A mg/m ³	N/E	N/E
Xylene	3-7	1330-20-7	434 mg/m ³	435 mg/m ³	OSHA STEL 651 mg/m ³	N/E	N/E

Component - B Ingredient	Percent w/w	CAS Number	TWA/TLV			LD50	LC50
			OSHA	ACGIH	Other		
Aromatic Petroleum Distillates	1-5	64742-95-6	N/A mg/m ³	N/A mg/m ³	N/E mg/m ³	4790	6700
Pseudocumene	0.5-1.5	95-63-6	25 mg/m ³	25 mg/m ³	N/E mg/m ³	5	18
N-Butyl Acetate	1-5	123-86-4	200 ppm mg/m ³	200 ppm mg/m ³	N/A mg/m ³	00 (rat)	35 (rat)
Homopolymer of Hexamethylene Diisocyanat	60-100	28182-81-2	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: 244 - 456 F	Vapor Density [Air=1]: 7.00	Vapor Pressure: 7.80	pH Level: N/A
Melting Point: N/A	Evaporation Rate [Ether=1]: 1.00	Physical State: Liquid	Solubility in Water: N/A
Freezing Point: N/A	Specific Gravity: [H2O=1]: 8.3151 lb/g	Odor Threshold: N/A	Coefficient of Water/Oil Distribution: N/A
Appearance and Odor: Clear Liquid- Pungent Odor			

Component - B			
Boiling Point: 220.0	Vapor Density [Air=1]: N/A	Vapor Pressure: N/A	pH Level: N/A
Melting Point: N/A	Evaporation Rate [Ether=1]: N/A	Physical State: Liquid	Solubility in Water: N/A
Freezing Point: N/A	Specific Gravity: [H2O=1]: 9.3 - 9.5 lb	Odor Threshold: N/A	Coefficient of Water/Oil Distribution: N/A
Appearance and Odor: Solvent Odor			

Section V - Fire and Explosion Hazard Data

Component - A			
Flammability: N/A	Flash Point: 94.0	Autoignition Temperature: N/A	
Limits LEL/UEL: 1.6 - 11.4	Sensitivity to impact: N/A	Sensitivity to Static Discharge: N/A	
Hazardous Decomposition Products: CO, CO2, Hydrocarbons	Special Firefighting Procedures: SCBA, full protective gear		
Unusual Fire and Explosive Hazards: Containers may rupture due to very high temperature induced pressure.	Extinguishing Media: Use alcohol resistant foam, CO2, or dry chemical extinguishing agents		



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Component - B

Flammability: Flammable	Flash Point: 93 F	Autoignition Temperature: 797 F
Limits LEL/UEL: 0.6 - 7.5	Sensitivity to impact: N/A	Sensitivity to Static Discharge: N/A
Hazardous Decomposition Products: CO₂, CO, HCN, Isocyanates, Nitrogen containing gases	Special Firefighting Procedures: SCBA, full protective gear	
Unusual Fire and Explosive Hazards: Vapors may be ignited by sparks, flames or other sources of ignition if material is above the flash point causing fire.	Extinguishing Media: Use alcohol resistant foam, CO₂, or dry chemical extinguishing agents	

Section VI - Reactivity Data

Component - A

Hazardous Decomposition Products: Organic Acids, CO, CO₂, Hydrocarbons	Stability: Stable	Incompatibility (Materials to Avoid): Strong oxidizing materials
Hazardous Polymerization: Will not occur		Conditions to Avoid: Heat, sparks and open flames

Component - B

Hazardous Decomposition Products: CO₂, CO, HCN, Isocyanates, Nitrogen containing gases	Stability: Stable u	Incompatibility (Materials to Avoid): Strong oxidizing agents, strong alkalis, strong acids, chlorine
Hazardous Polymerization: Will not occur		Conditions to Avoid: Sparks, open flame, other ignition sources, and elevated temperatures

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:	Liquid and aerosols of this product are irritating and can cause tearing, reddening, swelling and stinging of the eyes.				
Effects and Hazards of Inhalation (Breathing):	Excessive inhalation may result in headaches, nausea, lung irritation and narcosis.				
Effects and Hazards of Skin Contact:	Excessive skin contact may cause irritation and redness.				
Effects and Hazards of Ingestion (Swallowing):	Moderately toxic by ingestion.				

Section VIII - Emergency and First Aid Procedures

Treatment for Eye Contact:	Flush eyes with water for fifteen minutes. If irritation persists, consult a physician.
Treatment for Inhalation (Breathing):	Move subject to fresh air.
Treatment for Skin Contact:	Wipe area off and wash affected skin areas thoroughly with soap and water. Promptly remove contaminated clothing and wash before reuse.
Treatment for Ingestion (Swallowing):	If ingested, do not induce vomiting. Consult a physician immediately.

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 receptacle.
Steps to be taken in case material is released or spilled (Wet Stage):	Eliminate any ignition sources and ventilate area. Dike spilled material and cover with inert absorbant material. Shovel into disposable container.
Waste Disposal Method:	Per local, state and federal regulations. Incineration is the preferred method. Do not cut empty containers with torch.
Precautions To Be Taken In Handling and Storing:	Keep containers tightly closed. Store in protected area. Ideal storage temperature is 50 - 85 F.



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- Other Precautions: **This material is an industrial product designed to be used by professionals familiar with the requirements of this material safety data sheet.**
- Respiratory Protection: **Provide adequate ventilation. For confined areas or when using spray application, wear appropriate, properly fitted respirator (NIOSH/MESA approved) during and after application unless air monitoring demonstrates vapor/mist levels below applicable limits. Follow respirator manufacturer's directions for respirator use.**
- Ventilation: **Adequate ventilation in volume and pattern should be provided to keep vapor concentration below LEL and TLV limits. If spray applied, respiratory protection is mandatory.**
- Protective Gloves: **Wear solvent resistant gloves.**
- Eye Protection: **Face shield or goggles. Do not wear contact lenses.**
- Other Protective Equipment: **Recommended; splash 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.**
- California Proposition 65: **This product contains toluene and a trace of benzene which appears on the California Safe Drinking Water and Toxics Enforcement Act List of cancer causing and reproductive toxicity agents.**

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.