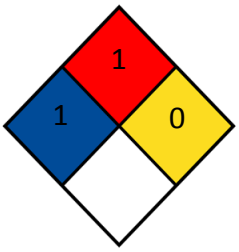
SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

Product Name:	**Sto Acrylic Urethane Sealer**
Product Code:	80514
SDS Manufacturer Number:	80514
Product Use/Restriction:	Industrial Maintenance Coating
Manufacturer Name:	Sto Corp.
Address:	6175 Riverside Drive, SW Atlanta, Georgia 30331
General Phone Number:	(404) 346-3666
Emergency Phone Number:	(800) 424-9300
SDS Creation Date:	May 30, 2014
SDS Revision Date:	May 30, 2014
(M)SDS Format:	

NFPA



HMIS

Health Hazard	**1**
Fire Hazard	**1**
Reactivity	**0**
Personal Protection	**X**

SECTION 2 - HAZARD(S) IDENTIFICATION

GHS Pictograms:

GHS Class:

Hazard Statements:	Causes eye irritation Causes skin irritation
Precautionary Statements:	Wash hands thoroughly after handling. Wear protective gloves/ protective clothing/eye protection/face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
Emergency Overview:	Flammable liquid and vapor. Causes skin irritation. Causes eye irritation. Vapor harmful. May be harmful if absorbed through skin.
Route of Exposure:	Eyes, Skin, Inhalation, Ingestion

Eye:	Causes eye irritation
Skin:	Can cause moderate skin irritation.
Inhalation:	Vapor harmful. May affect the brain or nervous system causing dizziness, headache or nausea.
Ingestion:	Harmful if swallowed. Aspiration of material into the lungs can cause chemical pneumonitis which can be fatal.
Target Organs:	Respiratory Tract, Central nervous system, Eyes, Kidneys, Liver Blood

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	Ingredient Percent	LD 50 LC 50	ACGIH TLV-TWA	ACGIH STEL	OSHA PEL-TWA
Ethyl 3-ethoxypropionate	763-69-9	10 - 30				
Methyl Amyl Ketone	110-43-0	10 - 30	Oral LD50 Rat 1600 mg/kg Oral LD50 Mouse 730 mg/kg Dermal LD50 Rabbit 10206 mg/kg Dermal LD50 Guinea pig > 16200 mg/kg Inhalation LC50 (4h) Rat 2000 - 4000 ppm	50ppm; 233mg/m³ TWA		100PPM; 465mg/m³ (TWA)
n-Butyl acetate	123-86-4	5 - 10	Oral LD50 Rat 14130 mg/kg Dermal LD50 Guinea pig 8770 mg/kg Inhalation LC50 (6h) Rat > 1800 ppm	150 ppm TWA, 710 mg/m³ TWA	200 ppm STEL; 950 mg/m³ STEL	150 ppm TWA 710 mg/m³ TWA
Acetyl acetone	123-54-6	0.5 - 1.5	Oral LD50 Rat 575 mg/kg Dermal LD50 Rat 790 mg/kg Inhalation LC50 (4h) Rat 5.1 mg/L			
Butyl carbitol acetate	124-17-4	0.5 - 1.5	Oral LD50 Rat 6960 - 11960 mg/kg Dermal LD50 Rabbit 5390 - 14500 mg/kg			
Xylene	1330-20-7	0.5 - 1.5	Oral LD50 Rat 4300 mg/kg	100 ppm TWA, 434 mg/m³ TWA	150 ppm STEL; 651 mg/m³ STEL	100ppm TWA; 435mg/m³ TWA
Ethylbenzene	100-41-4	0.1 - 1	Dermal LD50 Rat 3500 mg/kg	100 ppm TWA, 434 mg/m³ TWA	125 ppm STEL; 543 mg/m³ STEL	100ppm TWA; 435mg/m³ TWA

SECTION 4 - FIRST AID MEASURES

Eye Contact:	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.
Skin Contact:	Wash with soap and water. Remove contaminated clothing and launder. Get medical attention if irritation develops or persists.
Inhalation:	Remove individual to fresh air after an airborne exposure if any symptoms develop as a precautionary measure.
Ingestion:	If swallowed, do not induce vomiting. Get medical attention immediately. Induce vomiting as a last measure. Induced vomiting may lead to aspiration of the material into the lungs potentially causing chemical pneumonitis that may be fatal.
Other First Aid:	No special instructions

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point (°F/°C):	94 / 34
Auto Ignition Temperature (°F/°C):	739.4 / 393.0
Lower Flammable/Explosive Limit:	% in air: 1.1 %
Upper Flammable/Explosive Limit:	% in air: 7.9 %
Fire Fighting Instructions Protective Equipment:	Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Fight fire from a safe distance and a protected location due to the potential of hazardous vapors and decomposition products. Flammable component(s) of this material may be lighter than water and burn while floating on the surface. Vapors may be ignited by sparks, flames or other sources of ignition if material is above the flash point giving rise to a fire (Class B). Vapors are heavier than air and may travel to a source of ignition and flash back. Container may explode in heat of fire. Empty containers that retain product residue (liquid, solid/sludge, or vapor) can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose container to heat, flame, sparks, static electricity, or other sources of ignition. Any of these actions can potentially cause an explosion that may lead to injury or death.
Extinguishing Media:	Use alcohol resistant foam, carbon dioxide, or dry chemical extinguishing agents. Water spray or fog may also be effective for extinguishing if swept across the base of the fire. Water can also be used to absorb heat and minimize fire damage.

Protective Equipment:	As in any fire, wear Self-Contained Breathing Apparatus (SCBA), MSHA/NIOSH (approved or equivalent) and full protective gear.

NFPA Ratings:

NFPA Health:	1
NFPA Flammability:	1
NFPA Reactivity:	0

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Spill or Leak:

Exposure to the spilled material may be irritating or harmful. Follow personal protective equipment recommendations found in Section VIII of this MSDS. Additional precautions may be necessary based on special circumstances created by the spill including the material spilled, the quantity of the spill, the area in which the spill occurred. Also consider the expertise of employees in the area responding to the spill.

Shut off ignition sources; including electrical equipment and flames. Do not allow smoking in the area. Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Dike with suitable absorbent material. Gather and store in a sealed container pending disposal.

SECTION 7 - HANDLING and STORAGE

Handling:

Harmful or irritating material. Avoid contacting and avoid breathing the material. Use only in a well-ventilated area. As with all chemicals, good industrial hygiene practices should be followed when handling this material. Wash thoroughly after handling. Do not get in eyes, on skin and clothing. Ground and bond containers when transferring material. Use spark-proof tools and explosion-proof equipment. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. Remove contaminated clothing and wash before reuse.

Storage:

Store in a cool dry place. Keep container(s) closed. Keep away from sources of ignition.

Work Practices:

Handle in accordance with good industrial hygiene and safety practices.

Hygiene Practices:

Wash thoroughly after handling.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION - EXPOSURE GUIDELINES

Engineering Controls:

Local exhaust ventilation or other engineering controls may be required when handling or using this product to avoid overexposure. Engineering controls must be designed to meet the OSHA chemical specific standard in 29 CFR 1910. Explosion proof exhaust ventilation should be used.

Eye/Face Protection:

Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material. Have an eye wash station available.

Skin Protection Description:	Where use can result in skin contact, practice good personal hygiene. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. Wear clothing suitable to prevent skin contact.
Hand Protection Description:	Wear chemical resistant gloves.
Respiratory Protection:	General or local exhaust ventilation is the preferred means of protection. In cases where ventilation is inadequate, respiratory protection may be required to avoid overexposure. Follow respirator manufacturer's directions for respirator use.
Ventilation:	Mechanical ventilation recommended for process machinery where dust generation is expected
PPE Pictograms:	
Exposure Guidelines	Avoid generating dusts and if PEL is exceeded use PPE, barrier creams and suitable clothing to avoid nuisance dusts.

SECTION 9 - PHYSICAL and CHEMICAL PROPERTIES

Appearance:	Colorless	Physical State:	liquid
Boiling Point(°F):	244(Low) 337.5(High)	Solubility in Water:	Minimal; soluble 1-9%
Evaporation Rate:	0.4(n-Butyl Acetate = 1.0)	Density	8.23-8.43 lbs./Gal.
Freezing Point:	N/A	Vapor Density:	4.00 (air=1)
Melting Point:	N/A	Vapor Pressure:	7.8
Molecular Weight:	N/A	Viscosity:	25-30 Z4
Odor:	Ester-Like	% Volatile:	45.75 VOC- 402.17 (regulatory calculated)
pH:	N/A	Static Charge	Can Build Static Charge

SECTION 10 - STABILITY and REACTIVITY

Chemical Stability:	Stable under normal conditions.
Hazardous Polymerization:	Hazardous polymerization will not occur.
Conditions to Avoid:	Sparks, open flame, other ignition sources, and elevated temperatures. Contamination
Hazardous Decomposition Products:	Carbon Dioxide(CO_2), Carbon Monoxide(C), Toxic Fumes, Toxic gases, and sulfur containing gases.

SECTION 11 - TOXICOLOGICAL INFORMATION

Chemical Name CAS Number LD50/LC50

Methyl Amyl Ketone 110-43-0	Oral LD50 Rat 1600 mg/kg Oral LD50 Mouse 730 mg/kg Dermal LD50 Rabbit 10206 mg/kg Dermal LD50 Guinea pig > 16200 mg/kg Inhalation LC50 (4h) Rat 2000 - 4000 ppm
n-Butyl acetate 123-86-4	Oral LD50 Rat 14130 mg/kg Dermal LD50 Guinea pig 8770 mg/kg Inhalation LC50 (6h) Rat > 1800 ppm
Acetyl acetone 123-54-6	Oral LD50 Rat 575 mg/kg Dermal LD50 Rat 790 mg/kg Inhalation LC50 (4h) Rat 5.1 mg/L
Butyl carbitol acetate 124-17-4	Oral LD50 Rat 6960 - 11960 mg/kg Dermal LD50 Rabbit 5390 - 14500 mg/kg
Xylene 1330-20-7	Oral LD50 Rat 4300 mg/kg
Ethylbenzene 100-41-4	Dermal LD50 Rat 3500 mg/kg

Carcinogens:	Chemical Name	CAS Number	IARC NTP OSHA
	Ethylbenzene	100-41-4	2B

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity:	This product is not associated with or expected to cause any harm to fish, plants or animals.
Environmental Fate:	No environmental information found for this product.

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Disposal:	Dispose of in accordance with Local, State, Federal and Provincial regulations. Refer to other sections of this MSDS to determine the toxicity and physical characteristics of the material to determine the proper waste identification and disposal in compliance with applicable regulations.

SECTION 14 - TRANSPORT INFORMATION

This section provides basic shipping classification information and does not contain all regulatory transportation details. Refer to all applicable regulations for domestic, international, air, vessel and ground transportation requirements and restrictions.

DOT Basic Description:	Paint
Hazard Class:	3
UN Number:	UN1263
Packing Group:	III
Other:	This product qualifies for a limited quantity exception per CFR173.150(b)(3) for inner containers <= 1.3 gallons (5L) and total gross package wt <= 66 lbs (30kg).

SECTION 15 - REGULATORY INFORMATION

WHMIS Class:	B2 D2A
OSHA Status:	This product is not deemed hazardous as defined by OSHA 29CFR part 1910.1200.
TSCA Status:	All components of this product are either listed on the TSCA inventory ;or are not subject to the inventory notification requirements.
CERCLA Reportable Quantity:	n-Butyl Acetate 123-86-4 5 - 10 ; Xylene 1330-20-7 0.5 - 1.5 ; Ethyl Benzene 100-41-4 0.1 - 1
SARA Title 313:	2-(2-Butoxyethoxy)ethyl acetate 124-17-4 0.5 - 1.5 ; Xylene (mixed isomers) 1330-20-7 0.5 - 1.5 ;Ethylbenzene 100-41-4 0.1 - 1
Section 311/312 Hazardous Categories:	Health (Acute): Y Health (chronic): Y Fire (Flammable): Y Pressure: N Reactivity: N
SARA EHS Chemicals CAS # %	Not applicable

U. S. State Regulations:	California Prop 65 Chemicals Cancer	
Cancer:	**CAS #**	**%**
	Ethyl Benzene 100-41-4	0.1 - 1
	Benzene 71-43-2	< 1 ppm
Reproductive:	**CAS #**	**%**
	Methyl Alcohol 67-56-1	0.01 - 0.1
	Toluene 108-88-3	0.001- 0.01
	Benzene 71-43-2	< 1 ppm
Canadian Regulations:		
CEPA DSL:	The components of this product ARE listed on the Canadian Domestic Substances List.	
WHMIS Hazard Class:	B2 D2A	

SECTION 16 - ADDITIONAL INFORMATION

HMIS Health Hazard:	1
HMIS Fire Hazard:	1
HMIS Reactivity:	0
HMIS Personal Protection:	X
SDS Creation Date:	May 30, 2014
SDS Revision Date:	May 30, 2014
Disclaimer:	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.