

# SAFETY DATA SHEET

Date Prepared : 09/13/2017

MSDS No : SM8500

Date Revised : 09/13/2017

Revision No : 3

## ACRYL-R SM8500 Elastomeric Sealant

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** ACRYL-R SM8500 Elastomeric Sealant**MANUFACTURER**

ITW Polymers Sealants North America  
111 South Nursery Road  
Irving, TX 75060

**Product Stewardship:** (972) 438-9111**24 HR. EMERGENCY TELEPHONE NUMBERS**

CHEMTREC (US Transportation): (800) 424-9300

**COMMENTS:** ACRYL-R is a registered trademark of Illinois Tool Works, Inc.

### 2. HAZARDS IDENTIFICATION

**GHS CLASSIFICATIONS****Health:**

Skin Irritation, Category 2  
Eye Irritation, Category 2A

**GHS LABEL**

No labeling applicable



Exclamation  
mark

**SIGNAL WORD:** WARNING**HAZARD STATEMENTS**

H315: Causes skin irritation.  
H319: Causes serious eye irritation.

**PRECAUTIONARY STATEMENT(S)****Prevention:**

P264: Wash thoroughly after handling.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.

**Response:**

P302+P352: IF ON SKIN: Wash with plenty of water.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P332+P313: If skin irritation occurs: Get medical advice/attention.  
P337+P313: If eye irritation persists: Get medical advice/attention.  
P362: Take off contaminated clothing.

**Storage:**

P403+P233: Store in a well-ventilated place. Keep container tightly closed.  
P403+P235: Store in a well-ventilated place. Keep cool.

**Disposal:**

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P501: Dispose of contents/container according to local, regional, national, and international regulations.

### EMERGENCY OVERVIEW

**PHYSICAL APPEARANCE:** Viscous Liquid

**IMMEDIATE CONCERNS:** WARNING! Combustible liquid and vapor. Vapors may cause flash fire. Harmful or fatal if swallowed.

### POTENTIAL HEALTH EFFECTS

**EYES:** Contact may cause moderate eye irritation.

**SKIN:** Contact may cause mild skin irritation. Repeated or prolonged skin contact may result in allergic dermatitis. If product is hot, thermal burns to the skin may result if contact with the material is made.

**INGESTION:** Harmful if swallowed. May cause nausea if ingested.

**INHALATION:** May cause mild irritation to the respiratory tract. May aggravate existing respiratory conditions.

**ROUTES OF ENTRY:** Eye and Skin Contact, Inhalation and Ingestion

**IRRITANCY:** Eyes, nose, throat, respiratory tract, and skin irritation.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Alkylsulfonic Acid Ester of Phenol	5 - 10	70775-94-9

### 4. FIRST AID MEASURES

**EYES:** Immediately flush eyes with plenty of tempered water (at least 15-20 minutes) lifting upper and lower eye lids occasionally. Get immediate medical attention.

**SKIN:** Immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms occur. Wash or dispose of clothing before reuse.

**INGESTION:** Do not induce vomiting. Get medical attention immediately. Never give anything by mouth to an unconscious person.

**INHALATION:** Under normal conditions of use, inhalation of product is unlikely. If fumes are inhaled and become irritant, remove person from the area to fresh air. Seek immediate medical attention if exposure has occurred.

### SIGNS AND SYMPTOMS OF OVEREXPOSURE

**EYES:** Causes eye irritation.

**SKIN:** Mild to moderate skin irritant.

**INGESTION:** Not likely route of entry. May cause nausea and vomiting if ingested.

**INHALATION:** Respiratory tract irritation.

**ACUTE EFFECTS:** Irritant to the eyes, skin and respiratory tract.

**CHRONIC EFFECTS:** Repeated or prolonged skin contact may result in allergic dermatitis. Prolongs inhalation may aggravate existing respiratory conditions.

**NOTES TO PHYSICIAN:** Treat symptomatically.

### 5. FIRE FIGHTING MEASURES

**FLAMMABLE CLASS:** Class IIIB

**GENERAL HAZARD:** Combustible Liquid.

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**EXTINGUISHING MEDIA:** Use methods appropriate for the surrounding fire. Water spray, dry chemical, carbon dioxide, AFFF or alcohol resistant foams are all appropriate.

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon Monoxide, Carbon Dioxide

**EXPLOSION HAZARDS:** Irritating or toxic gases and/or aerosols may be produced during burning. Product will not burn but may spatter if temperature exceeds boiling point of water.

**FIRE FIGHTING PROCEDURES:** As in any fire, wear self-contained breathing apparatus with pressure-demand, full face piece SCBA (MSHA/NIOSH approved or equivalent) and full protective gear.

**SENSITIVITY TO IMPACT:** None known.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon Monoxide and Carbon Dioxide may form when heated to decomposition.

### 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Dike area to contain spill. Take precautions as necessary to prevent contamination of ground and surface waters. Recover spilled material on absorbent, such as sawdust or vermiculite, and sweep into closed containers for disposal. Do not flush to sewer. If area of spill is porous, remove as much contaminated earth and gravel, etc. as necessary and place in closed containers for disposal. Only those persons who are adequately trained, authorized, and wearing the appropriate personal protective equipment (PPE) should participate in spill response and clean-up.

**LARGE SPILL:** Keep spectators away. Only those persons who are adequately trained, authorized and wearing the required personal protective equipment (PPE) should participate in spill response and clean-up. Know and prepare for spill response before using or handling this product. Dike and contain spill with inert material (e.g. sand, earth). Transfer liquids to covered and labeled containers for disposal. Use appropriate PPE. Place absorbent diking materials in covered containers for disposal. Prevent contamination of sewers, streams, and groundwater with spilled material or used absorbent.

### ENVIRONMENTAL PRECAUTIONS

**WATER SPILL:** Avoid run-off into storm drains, ditches and waterways.

### 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** For professional or industrial use only. Follow label instructions. Keep out of the reach of children. Not for consumption. No smoking. Do not breathe vapors. Avoid contact with body. Empty containers must not be washed and re-used for any purpose. Contact lens wearers must wear protective eye wear around chemical vapors and liquid. Wash hands thoroughly after handling. To prevent build-up of vapors, use adequate natural and/or mechanical ventilation (e.g. open all windows and doors to achieve cross ventilation).

**HANDLING:** Do not handle material near food, feed or drinking water. Keep from freezing. Keep out of reach of children. Do not inhale mists or vapors. Use adequate ventilation. Wash thoroughly after handling.

**STORAGE:** Do not store near direct heat sources, sparks or flames. Store between 50 F and 90 F. Do not allow material to freeze. Store in a dry, well ventilated area.

**SHELF LIFE:** 18 months from manufacture date @ 50 F - 90 F (10 C - 32 C)

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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### EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
		EXPOSURE LIMITS		
Chemical Name	Type	ppm	mg/m <sup>3</sup>	
Alkylsulfonic Acid Ester of Phenol	OSHA PEL	TWA	NL [1]	NL [1]
		STEL	NL [1]	NL [1]
	ACGIH TLV	TWA	NL [1]	NL [1]
		STEL	NL [1]	NL [1]
<b>Footnotes:</b>				
1. NL = Not Listed				

**ENGINEERING CONTROLS:** Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Wear safety glasses with side shields (or goggles) or a full face respirator.

**SKIN:** Wear chemical protective clothing & boots to prevent repeated or prolonged skin contact. Wear impervious gloves, if needed, to prevent repeated or prolonged skin contact.

**RESPIRATORY:** Where vapor concentrations exceed or are likely to exceed the occupational exposure limits, a NIOSH approved continuous flow supplied air respirator, hood or helmet is recommended. A NIOSH approved self-contained positive pressure breathing apparatus with full face piece is required for spills and/or emergencies.

A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

**PROTECTIVE CLOTHING:** Chemical resistant gloves and normal work clothing (long sleeved shirt and long pants).

**WORK HYGIENIC PRACTICES:** Use good hygiene practices when handling this material. Wash hands thoroughly after use.

**OTHER USE PRECAUTIONS:** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**ODOR:** Mild-Pleasant

**ODOR THRESHOLD:** Not Determined

**COLOR:** Various

**pH:** 7.5 to 8.0

**PERCENT VOLATILE:** 40.2

**Notes:** by weight

**FLASHPOINT AND METHOD:** > (200°F) ASTM D56-82

**FLAMMABLE LIMITS:** N/A to N/A

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**AUTOIGNITION TEMPERATURE:** Not Determined  
**VAPOR PRESSURE:** Not Determined  
**VAPOR DENSITY:** Not Determined  
**BOILING POINT:** Not Determined  
**FREEZING POINT:** Not Determined  
**MELTING POINT:** Not Determined  
**POUR POINT:** Not Determined  
**SOLUBILITY IN WATER:** Dispersible  
**PARTITION COEFFICIENT: N-OCTANOL/WATER:** Not Determined  
**EVAPORATION RATE:** < 1  
**DENSITY:** 8.76 lbs/gal  
**PARTICLE SIZE:** Not Determined  
**SPECIFIC GRAVITY:** 1.054  
**VISCOSITY:** Not Determined  
**MOLECULAR WEIGHT:** Not Determined  
**(VOC):** 75.5 gr/L EPA Method 24 VOC  
**OXIDIZING PROPERTIES:** Not Determined

### 10. STABILITY AND REACTIVITY

**REACTIVITY:** Yes  
**HAZARDOUS POLYMERIZATION:** Product will not undergo polymerization.  
**STABILITY:** Stable.  
**CONDITIONS TO AVOID:** No conditions known  
**POSSIBILITY OF HAZARDOUS REACTIONS:** None Expected.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide and carbon dioxide may form when heated to decomposition.  
**INCOMPATIBLE MATERIALS:** Strong oxidizing agents, strong acids and strong bases.

### 11. TOXICOLOGICAL INFORMATION

#### ACUTE TOXICITY

Chemical Name	ORAL LD <sub>50</sub> (rat)	DERMAL LD <sub>50</sub> (rabbit)	INHALATION LC <sub>50</sub> (rat)
Alkylsulfonic Acid Ester of Phenol	> 5000 mg/kg (rats)	> 1000 mg/kg (rat)	No data

**SERIOUS EYE DAMAGE/IRRITATION:** Eyes, nose, throat, respiratory tract irritation.

### 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** This product contains components that may be harmful to aquatic organisms and may cause long term adverse effects in the aquatic environment.

**ECOTOXICOLOGICAL INFORMATION:** Contains components that are potentially toxic to freshwater and

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saltwater ecosystems.

**BIOACCUMULATION/ACCUMULATION:** Contains components with the potential to bio-accumulate.

### 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Dispose of in accordance with all local, state and federal regulations.

### 14. TRANSPORT INFORMATION

**DOT (DEPARTMENT OF TRANSPORTATION)**

**PROPER SHIPPING NAME:** Not Regulated

**MARINE POLLUTANT #1:** None

### 15. REGULATORY INFORMATION

**UNITED STATES**

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

**FIRE:** No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** Yes

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

Chemical Name	CAS
Alkylsulfonic Acid Ester of Phenol	70775-94-9

**STATES WITH SPECIAL REQUIREMENTS**

Chemical Name	Requirements
Alkylsulfonic Acid Ester of Phenol	Massachusetts Right to Know List New Jersey Right to Know List Pennsylvania Right to Know List

### 16. OTHER INFORMATION

**Date Revised:** 09/13/2017

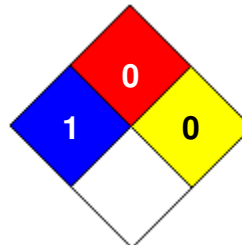
**INFORMATION CONTACT:** (972) 438-9111

**REVISION SUMMARY:** This MSDS replaces the 03/27/2015 MSDS. Revised: **Section 1:** Date Issued.

#### HMIS RATING

<b>HEALTH</b>	*	<b>1</b>
<b>FLAMMABILITY</b>		<b>0</b>
<b>PHYSICAL HAZARD</b>		<b>0</b>
<b>PERSONAL PROTECTION</b>		<b>B</b>

#### NFPA CODES



**GENERAL STATEMENTS:** Keep out of reach of children

For professional or industrial use only

**MANUFACTURER DISCLAIMER:** This document may be used to comply with OSHA's Hazardous Communication

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Standard, 29 CFR 1910.1200.

To the best of our knowledge, the information contained in this SDS is accurate. It is intended to assist the user in his/her evaluation of the product's hazards and safety precautions to be taken in its use. The data in this SDS relate only to the specific material designated herein. We do not assume liability for the use of, or reliance on this information, nor do we guarantee its accuracy or completeness.

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