



# SAFETY DATA SHEET

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**Product:** POLY-JET® LOX **Part Number:** 4550000  
**Manufacturer:** W. R. MEADOWS, INC. **Address:** 300 Industrial Drive  
Hampshire, Illinois 60140  
**Telephone:** (847) 214-2100 **In case of emergency, dial (800) 424-9300 (CHEMTREC)**  
**Revision Date:** 5/7/2024  
**Product Use:** One Part Polysulfide Gun-Grade Joint Sealant

## SECTION 2: HAZARDS IDENTIFICATION/EXPOSURE LIMITS

HMIS	HAZARD STATEMENTS
Health   2	<b>WARNING!</b>
Flammability   1	Causes skin irritation. (Category 2)
Reactivity   0	<b>PRECAUTIONARY STATEMENTS</b>
Personal Protection	Avoid direct contact. Avoid breathing aerosols/sprays.



## SECTION 3: HAZARDOUS COMPONENTS

Chemical Name:	CAS Number	% by Weight	SARA 313	Vapor Pressure (mm Hg@20°C)	LEL (@25°C)
1. Polysulfide Polymer	68611-50-7	30-40	No	N/E	N/E
2. Barium Peroxide	1304-29-6	1-10	Yes	N/E	N/E
3. Titanium Dioxide	13463-67-7	1-10	No	N/E	N/E

N/A = Not Applicable

*This product contains Talc (CAS# 14807-96-6). Prolonged exposure to excessive airborne concentrations of Talc can result in lung scarring. Talc contains crystalline silica as a naturally occurring component. Exposure to silica is not expected to occur as the product is supplied as a solution. If product is dry/abraded, appropriate protective measures should be taken to control exposure to airborne silica.*

Under the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1966 (SARA) and 40 CFR Part 372, chemicals listed on the 313 List (40 CFR Part 373.65) are identified under the heading "SARA 313."

## SECTION 4: EMERGENCY AND FIRST AID PROCEDURES

**EYE CONTACT:** Move victim from exposure source. Flush eyes with water for fifteen minutes. If symptoms persist, seek medical attention.  
**SKIN CONTACT:** Remove contaminated shoes/clothing. Wash affected areas with mild soap and water. If symptoms persist, seek attention.  
**INHALATION:** Move victim from exposure source and treat symptoms. If symptoms persist, seek medical attention.  
**INGESTION:** Seek immediate medical attention. Do not induce vomiting. If vomiting spontaneously occurs, keep the victim's head below the hips to prevent lung aspiration.  
**MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND CHRONIC:** See Section Eleven for Symptoms/Effects.

## SECTION 5: FIRE AND EXPLOSIVES HAZARDS

**FLASHPOINT:** > 210 °F  
**EXTINGUISHING MEDIA:** Water fog, foam, dry chemical, and carbon dioxide.  
**CHEMICAL/COMBUSTION HAZARDS:** Carbon monoxide, carbon dioxide, and incomplete combustion products may be emitted.  
**PRECAUTIONS/PERSONAL PROTECTIVE EQUIPMENT:** Use of full fire protection ensemble with SCBA is recommended.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**SPILL OR LEAK PROCEDURES:** Evacuate area of unprotected personnel. Dike/contain spilled material. Take up with an appropriate absorbent and place in sealed/marked containers for proper disposal.

## SECTION 7: HANDLING AND STORAGE

**SAFE HANDLING PROCEDURES:** Avoid direct contact.  
**SAFE STORAGE:** Keep containers closed when not in use. Store in cool/dry location.

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name:	OSHA					ACGIH		
	PEL	PEL/CEILING	PEL/STEL	SKIN	TWA	TLV/CEILING	TLV/STEL	SKIN
1. Polysulfide Polymer	N/E	N/E	N/E	N/E	N/E	N/E	N/E	N/E
2. Barium Peroxide*	N/E	N/E	N/E	N/E	N/E	N/E	N/E	N/E
3. Titanium Dioxide*	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*N/E: Not Established*

\* Exposure limits not provided as materials are in suspension.

**ENGINEERING CONTROLS:** None normally required under normal use conditions.

**PERSONAL PROTECTIVE EQUIPMENT:** Safety glasses, chemical-resistant gloves.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>BOILING POINT:</b> 250 °F	<b>VAPOR DENSITY:</b> >1 (Air=1)	<b>% VOLATILE BY VOLUME:</b> N/A
<b>EVAPORATION RATE:</b> <1 (Ether=1)	<b>pH LEVEL:</b> N/A	<b>% VOLATILE BY WEIGHT:</b> N/A
<b>WEIGHT PER GALLON:</b> 11.88 (Average)	<b>PRODUCT APPEARANCE:</b> Heavy Liquid	<b>VOC CONTENT:</b> 0 g/L
<b>ODOR:</b> Mild Organic	<b>ODOR THRESHOLD:</b> N/D	<b>MELTING/FREEZING POINT:</b> N/D
<b>FLASH POINT:</b> See Section 5	<b>FLAMMABILITY:</b> N/D	<b>UEL/LEL:</b> N/D
<b>VAPOR PRESSURE:</b> N/D	<b>RELATIVE DENSITY:</b> N/D	<b>SOLUBILITY:</b> N/D
<b>PARTITION COEFFICIENT:</b> N/D	<b>AUTOIGNITION TEMPERATURE:</b> N/D	<b>DECOMPOSITION TEMPERATURE:</b> N/D
<b>VISCOSITY:</b> N/D	<i>N/A: Not Applicable</i>	<i>N/D: Not Determined</i>

## SECTION 10: STABILITY/REACTIVITY

**STABILITY:** Stable. **HAZARDOUS POLYMERIZATION:** Will not occur.

**CONDITIONS AND MATERIALS TO AVOID:** Oxidizing materials.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide, carbon dioxide, and incomplete combustion products.

## SECTION 11: TOXICOLOGICAL INFORMATION

**EYE CONTACT:** Direct contact may cause mild to moderate irritation.

**SKIN CONTACT:** Direct contact may result in mild to moderate irritation.

**INHALATION:** Not expected to be an exposure route under normal use conditions.

**INGESTION:** Not expected to be an exposure route under normal use conditions.

**SIGNS AND SYMPTOMS:** Symptoms of eye irritation include pain, tearing, redness, and swelling. Symptoms of skin irritation include reddening, swelling, rash, and redness. Symptoms of respiratory irritation include runny nose, chest discomfort, shortness of breath, and reduced function. Symptoms of gastrointestinal irritation include sore throat, abdominal pain, nausea, vomiting, and diarrhea.

**AGGRAVATED MEDICAL CONDITIONS:** Pre-existing skin, eye, and respiratory disorders may be aggravated by exposure to this product.

**OTHER HEALTH EFFECTS:** Barium compounds are toxic to the kidneys and digestive tract.

## SECTION 12: ECOLOGICAL INFORMATION

<b>ECOTOXICITY:</b> N/E	<b>DEGRADABILITY:</b> N/E	<b>BIOACCUMULATIVE POTENTIAL:</b> N/E
<b>SOIL MOBILITY:</b> N/E	<b>OTHER ADVERSE EFFECTS:</b> N/E	<i>N/E: Not Established</i>

## SECTION 13: WASTE DISPOSAL INFORMATION

**WASTE DISPOSAL INFORMATION:** Non-hazardous material for waste disposal purposes. Solid product can be landfill disposed.

## SECTION 14: TRANSPORTATION INFORMATION

**HAZARDOUS/NON-HAZARDOUS MATERIAL:** Non-hazardous.

**UN NUMBER:** None. **HAZARD CLASS:** None. **PACKING GROUP:** None.

**UN PROPER SHIPPING NAME:** Not regulated.

**ENVIRONMENTAL HAZARDS:** Not determined.

**BULK TRANSPORTATION INFORMATION:** Not applicable; product is not shipped in bulk.

**SPECIAL PRECAUTIONS:** None recognized.

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<b>SECTION 15: REGULATORY INFORMATION</b>		
<b>OTHER REGULATORY CONSIDERATIONS:</b> None.		
<b>SECTION 16: OTHER INFORMATION</b>		
<b>PREPARATION DATE:</b>	5/7/2024	
<b>PREPARED BY:</b>	Dave Carey	

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*The information contained herein is based on the data available to us and is believed to be correct. However, we make no warranty, expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injury from the use of this product described herein.*

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