

MATERIAL SAFETY DATA SHEET

MSDS Name: POLYSEAMSEAL(R) PAINTER'S CAULK  
MSDS Number: sD11565  
Version Number  
MSDS Date: MAR-24-1999  
Page Number: 1

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SECTION I - PRODUCT AND COMPANY INFORMATION

Product Name: POLYSEAMSEAL PAINTER'S CAULK  
Hazard Rating: Health: 1 Fire: 0 Reactivity: 0 PPI: B

Company Identification: OSI SEALANTS, INC.  
7405 PRODUCTION DRIVE  
MENTOR OH 44060

Contact: Safety Officer  
Telephone/Fax: (440) 255-8900 (440) 974-2395  
Emergency Phone (24 hour) CHEMTREC  
(800) 424-9300  
Chemtrec (outside-USA) (703) 527-3887  
Preparer T.F.Barr  
Sr. R.&D. Chemist

Product Class Acrylic Latex Caulk  
Trade Name POLYSEAMSEAL  
Product Code --

SECTION II - INGREDIENT AND HAZARD INFORMATION

Ingredient Name	CAS Number	Percent	TSCA
MINERAL SPIRITS	64742-48-9	< 2.0	Y
ETHYLENE GLYCOL	107-21-1	< 2.0	Y

SECTION III - PHYSICAL AND CHEMICAL PROPERTIES

Form: High viscosity caulk  
Appearance/Color: WHITE  
Solubility (in water): yes  
pH Value, +/- .3: 8.5  
Boiling Range: 212.øF (100.øC)  
Vapor Pressure (mmHg): 15.@ 68.øF (20.øC)  
Evaporation Rate: 0.5 times Slower than n-Butyl Acetate  
  
Vapor Density: Heavier than air

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% Volatile, Weight approx. 15.%  
% Volatile, Volume approx. 30.%  
Specific Gravity: 1.66  
VOC (less H2O or exempt) 32 Gr/L  
Heavy Elements (ppm) 0.

NOTE:

Odor : Mild acrylic odor. Freeze Point : 32 Deg F

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SECTION IV - FIRE FIGHTING MEASURES (Flash,UEL,LEL for solvent only)

Flammability Class N/A  
Flash Range: Not Available  
Explosive Range (LEL/UEL): Not Applicable

EXTINGUISHING MEDIA:

Dry chemical -- Carbon Dioxide -- Foam -- Water Fog  
Will not burn in wet state.

SPECIAL FIRE-FIGHTING PROCEDURES:

Water may be used to cool and protect exposed containers.  
Caution should be taken because uncured material is watersoluble

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Any closed container may burst when exposed to extreme heat or fire.

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SECTION V - HEALTH HAZARD DATA

ROUTES OF ENTRY:

ENTRY THROUGH...

Inhalation? Yes | Skin? Yes | Ingestion? Yes

TARGET ORGANS...

Exposure -- Mineral Spirits: Eyes, Skin  
-- Ethylene Glycol: Eyes  
Overexposure -- Mineral Spirits: Central Nervous System,  
Nose & Throat Irritation  
-- Ethylene Glycol: Ingestion or exposure to  
heated or sprayed product: Central Nervous  
System, heart, kidney, respiratory tract.

CARCINOGENICITY...

NTP? N/E | IARC Monographs? N/E | OSHA? NO

EFFECTS OF OVEREXPOSURE

Inhalation: May irritate respiratory tract.

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Skin/Eye Contact: May cause irritation.  
Ingestion: Swallowing large amounts may cause nausea,  
vomiting. ( an unlikely route of entry )  
FIRST AID MEASURES  
Inhalation: If affected by inhalation, remove to fresh air.  
Eye Contact: Flush with water for at least 15 minutes, and  
get prompt medical attention.  
Skin Contact: Wash skin thoroughly with soap and water.  
Ingestion: Drink copious amounts of water. Induce vomiting  
and call a physician.

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N/A= Not applicable N/AV=Not available N/E, N/est=Not established

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SECTION VI - STABILITY AND REACTIVITY

Stability: This product is stable  
Hazardous Polymerization: Hazardous polymerization will not occur

INCOMPATIBILITY:

None

CONDITIONS TO AVOID:

None

HAZARDOUS DECOMPOSITION PRODUCTS:

May produce oxides of carbon and oxides of nitrogen when burned.

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SECTION VII - ACCIDENTAL RELEASE AND DISPOSAL MEASURES:

STEPS TO BE TAKEN IN CASE OF SPILL:

Wear appropriate protective clothing. Add dry absorbent and  
shovel or sweep up. Place in an appropriate container and seal.

WASTE DISPOSAL METHOD:

Dispose of in accordance with Federal, State, and Local regulations.

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SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

ACGIH TLV	ACGIH TLV-C	ACGIH STEL	OSHA STEL	OSHA PEL
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MINERAL SPIRITS

100.00 PPM	N/est	N/est	N/est	100.00 PPM
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ETHYLENE GLYCOL  
50.00 PPM N/est N/est N/est 50.00 PPM

RESPIRATORY PROTECTION:  
NIOSH approved respirators recommended if vapors and mists  
are generated.

VENTILATION:  
Local exhaust is recommended for safe practice.

PROTECTIVE CLOTHING:  
Rubber gloves and impervious clothing should be worn to prevent  
repeated skin contact.

EYE PROTECTION:  
Splashproof goggles or safety glasses should be worn.

HANDLING AND STORAGE PRECAUTIONS:  
Keep from freezing. Keep away from heat.  
Keep out of the reach of children  
Keep containers closed when not in use  
Avoid prolonged or repeated contact with skin.

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SECTION IX - TRANSPORT INFORMATION:

DOT CLASSIFICATIONS FOR CARTRIDGES 10 or 29 oz.

DESCRIPTION: Non-hazardous  
DOT CLASSIFICATIONS for 1 GALLON or larger CONTAINERS

DESCRIPTION: Non-hazardous  
Caulking type product

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SECTION X - REGULATORY INFORMATION:

SARA TITLE III SECTION 313:  
This product contains the following toxic chemicals subject to the  
reporting requirements of Section 313 of the Emergency Planning and  
Community Right to Know Act of 1986 and of 40 CFR 372:

Ingredient Name	CAS Number	Percent
ETHYLENE GLYCOL	107-21-1	< 2.0

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The following ingredients are registered for TSCA 12B

Ingredient Name	CAS Number	Percent
ETHYLENE GLYCOL	107-21-1	< 2.0

Ethylene Glycol fits the EPA Hazard Category definition of Immediate (Acute) and Delayed (Chronic) Health Hazards under SARA Sections 311, 312.

All chemical substances are TSCA listed.

California PROP.65 Chemicals: none known

DISCLAIMER:

The information contained herein is based on data available as of the date of preparation of this MSDS and which we believe to be reliable. However, no warranty is expressed or implied regarding the accuracy of the data. We shall not be responsible for the use of this information, or of any product, method, or apparatus mentioned, and the user must make his own investigation to determine the suitability of the information or products for his particular purpose, for the protection of the environment, and the health and safety of the users of this material.