

MATERIAL SAFETY DATA SHEET

MSDS Name: POLYSEAMSEAL(R) ALL-PURPOSE ADHESIVE CAULK
MSDS Number: SD11511
Version Number: 1
MSDS Date: JAN-24-2001
Page Number: 1

SECTION I - PRODUCT AND COMPANY INFORMATION

Product Name: POLYSEAMSEAL(R) ALL-PURPOSE ADHESIVE 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: CAULK
Trade Name: POLYSEAMSEAL
Product Code: ---

SECTION II - INGREDIENT AND HAZARD INFORMATION

Ingredient Name	CAS Number	Percent	TSCA
N-Butyl Acetate	0123-86-4	< 5.0	Y
Titanium Dioxide **	13463-67-7	< 2.0	Y

Ingredient Notes:

**The main hazard for Titanium Dioxide is dust inhalation. Because of its incorporation into the caulk, exposure by inhalation is unlikely.

SECTION III - PHYSICAL AND CHEMICAL PROPERTIES

Form: High viscosity caulk
Appearance/Color: White & colors
Odor: Banana odor
Solubility (in water): yes
pH Value, +/- .3: 7.5
Boiling Range: 212.0F (100.0C)

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Vapor Pressure (mmHg): 15.@ 68.øF (20.øC)
Evaporation Rate: 0.5 times Slower than n-Butyl Acetate

Vapor Density: Heavier than air

% Volatile, Weight approx. 30.%
% Volatile, Volume approx. 45.%
Specific Gravity: 1.245
VOC (less H2O or exempt) 93 Gr/L
Heavy Elements (ppm) 0.

NOTE:

Freeze Point : 32 Deg F

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 water soluble.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

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

SECTION V - HEALTH HAZARD DATA

ROUTES OF ENTRY:

ENTRY THROUGH...

Inhalation? Yes | Skin? Yes | Ingestion? Yes

TARGET ORGANS... --Butyl Acetate: Eyes

-- Titanium Dioxide: Eyes, Skin, Lung

Overexposure -- Butyl Acetate: Eye contact causes severe irritation. Vapors may be irritating and cause dizziness, headache, nausea, vomiting and narcosis.

-- Titanium Dioxide: Respiratory Tract Irritant (Dust only)

CARCINOGENICITY...NTP? N/E | IARC NO | OSHA? N/E

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EFFECTS OF OVEREXPOSURE

Inhalation: May irritate respiratory tract.
Skin/Eye Contact: May cause irritation.
Ingestion: Swallowing large amounts may cause nausea,
vomiting. (an unlikely route of entry)

NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain, nervous system, liver or kidney damage or may cause cardiac arrhythmia. INTENTIONAL misuse of this product by deliberately inhaling its vapors may be harmful or fatal.

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 water, and get medical attention.

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

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.

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.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

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	ACGIH TLV	ACGIH TLV-C	ACGIH STEL	OSHA STEL	OSHA PEL
N-Butyl Acetate	150.00 PPM	N/est	200.00 PPM	200.00 PPM	150.00 PPM
Titanium Dioxide **	10.00 mg/F3	N/est	N/est	N/est	15.00 mg/F3

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.

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

SECTION X - REGULATORY INFORMATION:

The following ingredients are registered for TSCA 12B

Ingredient Name	CAS Number	Percent
N-Butyl Acetate	0123-86-4	4.76

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The components fit the EPA Hazard Category definition of Immediate (Acute) and Delayed (Chronic) Health Hazards under SARA Sections 311, 312.

All chemical substances are TSCA listed.

SARA Section 313 toxic chemicals: NONE above the de minimis reporting thresholds.

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.

