

MATERIAL SAFETY DATA SHEET

MSDS Name: PL-300 (R) FOAM BOARD ADHESIVE
MSDS Number: P74300145
Version Number 1
MSDS Date: AUG-26-1999
Page Number: 1

SECTION I - PRODUCT AND COMPANY INFORMATION

Product Name: PL-300 (R) FOAM BOARD ADHESIVE
Hazard Rating: Health: 1 Fire: 3 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 ADHESIVE
Trade Name PL Brands
Product Code _____

SECTION II - INGREDIENT AND HAZARD INFORMATION

Ingredient Name	CAS Number	Percent	TSCA
Light Hydrotreated Naphtha	64742-49-0	15 - 25	Y
SILICA, QUARTZ	14808-60-7	TRACE	Y

SECTION III - PHYSICAL AND CHEMICAL PROPERTIES

Form: Non-sag mastic
Appearance/Color: Light blue
Solubility (in water): insoluble
pH Value, +/- .3: Not Applicable
Boiling Range: 135.0F - 165.0F (57.220C - 73.890C)
Vapor Pressure (mmHg): over 99.0 68.0F (20.0C)
Evaporation Rate: 5.5 times Faster than n-Butyl Acetate

Vapor Density: Heavier than air

% Volatile, Weight approx. 20.%
% Volatile, Volume approx. 40.%
Specific Gravity: 1.366
VOC (less H2O or exempt) 280 g/l
Heavy Elements (ppm) 0.

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NOTE:

*BOIL RANGE, EVAP RATE, VAPOR DENSITY AND PRESSURE FOR SOLVENT ONLY!

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

Flammability Class IB
Flash Range: approx.
0.øF - 5.øF (-17.78øC - -15.øC)
Tag Closed Cup
Explosive Range (LEL/UEL): 1.ø%
6.7%

EXTINGUISHING MEDIA:

Carbon Dioxide---Dry Chemical---Foam
Use water to cool material in vicinity of fire.

SPECIAL FIRE-FIGHTING PROCEDURES:

Use self-contained breathing apparatus with full facepiece
operated in pressure demand or other positive pressure mode.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Water may be unsuitable except as a cooling agent. Use fog nozzle.
Any closed container may rupture when exposed to extreme heat.
Solvent vapors are heavier than air and travel along the ground.

SECTION V - HEALTH HAZARD DATA

ROUTES OF ENTRY:

ENTRY THROUGH

Inhalation? YES | Skin? YES | Ingestion? YES

TARGET ORGANS...

Normal Exposure -- Hydrotreated Light Naphtha: Eyes, Skin
Overexposure -- Hydrotreated Light Naphtha: Central Nervous
System

CARCINOGENICITY...

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

EFFECTS OF OVEREXPOSURE

Eyes: Can cause irritation, redness, tearing and blurred vision.

Skin: Prolonged or repeated contact can cause moderate
irritation, defatting, and dermatitis.

Inhalation: Excessive inhalation of vapors can cause respiratory
irritation, headache, drowsiness and fatigue. High
concentrations of vapors are anesthetic and may cause
central nervous system effects such as dizziness.

Ingestion: Can cause gastrointestinal irritation, nausea,
vomiting and diarrhea.

NOTICE: Reports have associated repeated and prolonged occupational
overexposure to solvents with permanent brain, nervous system,

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liver or kidney damage and mucous membrane irritation.
INTENTIONAL misuse of this product by deliberately inhaling its vapors may be harmful or fatal.

FIRST AID MEASURES

Eyes: Flush eyes gently with water for at least 15 minutes
lifting eyelids occasionally; get prompt medical attention
Skin: Wash thoroughly with soap and water; apply a mild skin cream.
Remove contaminated clothing.
Inhalation: Move affected person to fresh air; if breathing is difficult, administer oxygen; if breathing has stopped, give artificial respiration. Get medical attention.
Ingestion: DO NOT INDUCE VOMITING! Get immediate medical attention.

SECTION VI - STABILITY AND REACTIVITY

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

INCOMPATIBILITY:

Keep away from strong oxidizing agents such as bleach.

CONDITIONS TO AVOID:

Keep away from heat, spark, open flames and any ignition source.

HAZARDOUS DECOMPOSITION PRODUCTS:

Will produce fumes and smoke containing carbon monoxide and dioxide under fire conditions.

SECTION VII - ACCIDENTAL RELEASE AND DISPOSAL MEASURES:

STEPS TO BE TAKEN IN CASE OF SPILL:

Eliminate all ignition sources. Ventilate confined areas.
(Open windows and doors). Wear appropriate protective clothing.
Cover with absorbent. Scoop into sealable safety container.

WASTE DISPOSAL METHOD:

Dispose of following local, state, and federal regulations.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

	ACGIH TLV	ACGIH TLV-C	ACGIH STEL	OSHA STEL	OSHA PEL
Light Hydrotreated Naphtha	400.00 PPM	N/est	N/est	N/est	400.00 PPM
SILICA, QUARTZ	0.10 mg/M3	N/est	N/est	N/est	0.10 mg/M3

Note: The TLV for Silica is for the respirable fraction of dust only.

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RESPIRATORY PROTECTION:

If TLV of the product is exceeded, a NIOSH/MSHA jointly approved air supply respirator is advised in the absence of proper ventilation. OSHA regulations also permit the use of other types of NIOSH/MSHA respirators under specified conditions. (See your safety equipment supplier for more information)

VENTILATION:

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV. Ventilate during application and curing of this product.

PROTECTIVE CLOTHING:

Rubber gloves should be worn where skin contact is likely. Wear impervious clothing and shoes.

EYE PROTECTION:

Chemical goggles or safety glasses should be worn.

HANDLING AND STORAGE PRECAUTIONS:

Keep away from heat, spark and flame.
Keep out of reach of children.
Keep container closed while not in use.
Do not cut or burn recepticals that have contained a solvent based product. Do not reuse this container.
Use only in a well ventilated area.

N/A=NOT APPLICABLE N/AV=NOT AVAILABLE N/E, N/est=NOT ESTABLISHED

SECTION IX - TRANSPORT INFORMATION:

DOT CLASSIFICATIONS FOR CARTRIDGES 10 or 29 oz.

DESCRIPTION: ORM-D, Consumer commodity
CLASS/ UN NO.: none
DOT LABEL: ORM-D (Adhesives)
IMDG class: 3.1
IMDG BOL: Adhesive,3,UN1133,PG III,LTD QTY

DOT CLASSIFICATIONS for 1 GALLON or larger CONTAINERS

DESCRIPTION: Adhesive
CLASS: Class 3, Packing group III
DOT LABEL: Flammable Adhesive, UN 1133
IMDG CLASS: 3.1
IMDG BOL: Adhesive,3,UN1133,PG III

SECTION X - REGULATORY INFORMATION:

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-PROP 65 (CARCINOGEN)

WARNING: This product contains a chemical known to the state of California to cause cancer.

Ingredient Name	CAS Number	Percent
SILICA, QUARTZ	14808-60-7	TRACE

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

Chemical ingredients are listed on the TSCA inventory.
SARA Section 313 toxic chemicals: NONE above the de minimis reporting thresholds.

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.
