

MATERIAL SAFETY DATA SHEET

MSDS Name: POLYSEAMSEAL 100% SILICONE SEALANT - SQUEEZE TUBE
MSDS Number: sD11526
Version Number
MSDS Date: MAY-28-1999
Page Number: 1

SECTION I - PRODUCT AND COMPANY INFORMATION

Product Name: POLYSEAMSEAL 100% SILICONE SEALANT -
SQUEEZE TUBE
Hazard Rating: Health: 1 Fire: 1 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 SEALANT
Trade Name POLYSEAMSEAL
Product Code Squeeze tube

Description: Low modulus, neutral-cure silicone sealant.

SECTION II - INGREDIENT AND HAZARD INFORMATION

Ingredient Name	CAS Number	Percent	TSCA
METHYL ETHYL KETOXIME ***	96-29-7	< 5.0	Y

Ingredient Notes:
***MEKO is not a component but is released upon curing
in the presence of humid air.

SECTION III - PHYSICAL AND CHEMICAL PROPERTIES

Form: Non-sag, high viscosity caulk.
Appearance/Color: White, Clear
Odor: Mild ammonia-like
Solubility (in water): insol.
pH Value, +/- .3: Not Applicable

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Boiling Range: Not Applicable
Vapor Pressure (mmHg): 1.@ 68.øF (20.øC)
Evaporation Rate: 0.5 times Slower than n-Butyl Acetate

Vapor Density: Heavier than air

% Volatile, Weight 2.0%
% Volatile, Volume 2.4%
Specific Gravity: 1.06
VOC (less H2O or exempt) < 5 g/l
Heavy Elements (ppm) 0.

NOTE:

Odor : Mild ammonia-like odor. pH : N/A
Physical State : Semi-solid Freeze Point : N/A

SECTION IV - FIRE FIGHTING MEASURES (Flash,UEL,LEL for solvent only)
Flammability Class III B
Flash Range: over 212.øF (100.øC)
Tag Closed Cup
Explosive Range (LEL/UEL): Not Applicable

EXTINGUISHING MEDIA:

Water---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 container may rupture when exposed to
extreme heat.

SECTION V - HEALTH HAZARD DATA

ROUTES OF ENTRY:

ENTRY THROUGH...

Inhalation? Yes | Skin? Yes | Ingestion? Yes

TARGET ORGANS...

Note: Methylethyl Ketoxime (MEKO) is formed upon contact

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with water or humid air.

Normal Exposure -- Methyl Ethyl Ketoxime: Skin, Eye

Overexposure -- Methyl Ethyl Ketoxime: Male rodents exposed to MEKO vapors over their lifetime developed liver cancer. Additional testing is planned to determine any relevance to humans.

CARCINOGENICITY...

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

EFFECTS OF OVEREXPOSURE

Eyes: Direct contact can cause irritation, redness and tearing.

Skin: Prolonged or repeated contact can cause moderate irritation.

Oximes are possible skin sensitizers.

Inhalation: Excessive inhalation of vapors can cause respiratory irritation, headache, and drowsiness. High concentrations of vapors are anesthetic and may have blood oxygen effects.

Ingestion: Small amounts transferred to the mouth during use will not injure. Large amounts could injure slightly.

FIRST AID MEASURES

Eyes: Flush with large amounts of 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.

Inhalation: Remove affected person to fresh air; if breathing is difficult, administer oxygen, get medical attention.

Ingestion: DO NOT INDUCE VOMITING! Get immediate medical attention.

Cured sealant is non-hazardous.

SECTION VI - STABILITY AND REACTIVITY

Stability: This product is stable

Hazardous Polymerization: Hazardous polymerization will not occur

INCOMPATIBILITY:

Strong oxidizing agents cause a reaction. Air and moisture cause curing and release of Methyl ethyl Ketoxime.

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CONDITIONS TO AVOID:
Exposure to air and moisture until ready to use.

HAZARDOUS DECOMPOSITION PRODUCTS:
Silicone dioxide, carbon dioxide and traces of incompletely
burned carbon products.

SECTION VII - ACCIDENTAL RELEASE AND DISPOSAL MEASURES:

STEPS TO BE TAKEN IN CASE OF SPILL:
Ventilate confined areas. (Open windows and doors)
Scoop into sealable safety container.
Clean spill area to reduce risk of slipping hazard.
WASTE DISPOSAL METHOD:
Dispose of following local, state, and federal regulations.
Cured material is not a hazardous waste.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits	ACGIH TLV	ACGIH TLV-C	ACGIH STEL	OSHA STEL	OSHA PEL
METHYL ETHYL KETOXIME ***	10.00 PPM	N/est	10.00 PPM	N/est	N/est

RESPIRATORY PROTECTION:
Use NIOSH approved respiratory protection if TLV is exceeded.
VENTILATION:
Use only in well ventilated areas.
Provide sufficient mechanical (general and/or local exhaust)
ventilation to maintain exposure below TLV.
PROTECTIVE CLOTHING:
Rubber gloves should be worn.
EYE PROTECTION:
Chemical goggles should be worn.
HANDLING AND STORAGE PRECAUTIONS:
Keep container closed when not in use.
Avoid contact with eyes and skin. Do not handle contact lenses
until all sealant has been removed from hands. Residual
sealant may transfer to lenses and cause severe eye irritation.
Keep out of reach of children.

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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

SECTION X - REGULATORY INFORMATION:

The following ingredients are registered for TSCA 12B

Ingredient Name	CAS Number	Percent
METHYL ETHYL KETOXIME ***	96-29-7	2.40

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

SARA Section 313 toxic chemicals: None

Chemical Substances have been reported to the EPA Office of Toxic Substances in accordance with the requirements of the Toxic Chemical Substances Control Act (Title 40 CFR 710).

California PROP.65 Chemicals: none known

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DISCLAIMER:

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