

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:

***This ingredient is released upon curing, may cause eye irritation.

SECTION III - PHYSICAL AND CHEMICAL PROPERTIES

Form: Non-sag, high viscosity caulk.
Appearance/Color: White, Clear
Odor: Mild ammonia-like
Solubility (in water): insol.

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pH Value, +/- .3: Not Applicable
Boiling Range Not Applicable
Vapor Pressure (mmHg): 1 @ 68 °F (20.°C)
Evaporation Rate. 0.5 times Slower than n-Butyl Acetate

Vapor Density Heavier than air

% Volatile, Weight 2.4%
% 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.°F (100.°C)
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

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TARGET ORGANS...

Note. Methyleneethyl Ketoxime (MEKO) is formed upon contact 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

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INCOMPATIBILITY:

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

CONDITIONS TO AVOID:

Exposure to air and moisture untill 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.

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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.

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:

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 require-
ments of the Toxic Chemical Substances Control Act (Title
40 CFR 710)

California PROP 65 Chemicals: none known

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