

MATERIAL SAFETY DATA SHEET

MSDS Name: OSI EP-1000
MSDS Number: 1364248
Version Number
Revision Date: November 19, 2009
Page Number: 1

SECTION I - PRODUCT AND COMPANY INFORMATION

Product Name: OSI EP-1000
HMIS Hazard Rating: Health: 1 Fire: 1 Reactivity: 0 PPE: B

Company Identification: HENKEL CORPORATION
7405 PRODUCTION DRIVE
MENTOR OH 44060

Contact (24 hour): Customer Affairs (800)321-0253
Information phone/Fax:
CHEMTREC Emergency (24 hour):(703) 527-3887 (International)
(800) 424-9300
in Canada CANUTEC 613-996-6666

Product Class Enhanced Polyurethane Sealant
Trade Name OSI Brands
Product Code See no. above

SECTION II - INGREDIENT AND HAZARD INFORMATION

Table with 4 columns: Hazardous Ingredient Name, CAS Number, Percent, TSCA. Rows include VinylTrimethoxysilane and Methanol.

Ingredient Notes:
Remaining ingredients are not considered OSHA hazardous.
Methanol (methyl alcohol) will be generated by curing of the product upon contact with water or humid air. The product as supplied may have methanol present in quantities of up to 0.40%.

SECTION III - PHYSICAL AND CHEMICAL PROPERTIES

Form: White Non-sag paste
Solubility (in water): None
pH Value, +/- .3: Not Applicable
Boiling Range: Not Applicable
Vapor Pressure (mmHg): Not Available
Evaporation Rate: Unavailable
Vapor Density: Heavier than air
Volatile, Weight Under 0.5%

MATERIAL SAFETY DATA SHEET

MSDS Name: OSI EP-1000
MSDS Number: 1364248
Version Number
Revision Date: November 19, 2009
Page Number: 2

% Volatile, Volume Not Available
Specific Gravity: 1.388
VOC (less H2O or exempt) < 3.0%

SECTION IV - FIRE FIGHTING MEASURES

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

EXTINGUISHING MEDIA:

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

SPECIAL FIRE-FIGHTING PROCEDURES:

Self-contained breathing apparatus and protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Any container may rupture when exposed to extreme heat.
Use water to cool closed containers.

SECTION V - HEALTH HAZARD DATA

Table with 3 columns: Route, Species, Exposure and Dose. Row 1: Methanol, LD50 10. PPM

ROUTES OF ENTRY:

ENTRY THROUGH... Inhalation and skin most likely

CARCINOGENICITY...

NTP? N/E IARC Monographs? N/E OHSAs? NO

EFFECTS OF OVEREXPOSURE

Eyes: Can cause irritation, redness, tearing and corneal damage.
Skin: Prolonged or repeated contact can cause moderate irritation, dermatitis and possible sensitivity.
Inhalation: Excessive inhalation of vapors can cause respiratory irritation, headache, drowsiness, nausea, chest discomfort.
Ingestion: May cause gastrointestinal irritation or nausea.

FIRST AID MEASURES

Eyes: Immediately flush with water for at least 15 minutes, and get medical attention if irritation persists.
Skin: Remove completely with dry cloth or paper towel. Wash thoroughly with soap and water.
Inhalation: Move person to fresh air.
Ingestion: May be harmful depending upon quantity ingested. Get medical attention if ill effects develop.

MATERIAL SAFETY DATA SHEET

MSDS Name: OSI EP-1000
MSDS Number: 1364248
Version Number
Revision Date: November 19, 2009
Page Number: 3

CHRONIC HAZARDS

Inhalation of Methanol may cause irritation or lung damage.
Chronic exposure to Methanol (skin, inhalation or oral) may damage the central nervous system, optic nerve, kidneys, and liver, impair vision, and cause respiratory failure.

SECTION VI - STABILITY AND REACTIVITY

Stability: Product is stable under normal storage conditions
Hazardous Polymerization: Will not occur under normal conditions

INCOMPATIBILITY:

Keep away from strong oxidizing agents, alkalies, acids, and water contamination.

CONDITIONS TO AVOID:

Exposure to air and moisture until ready to use.

HAZARDOUS DECOMPOSITION PRODUCTS:

Silicone dioxide, oxides of carbon, incompletely burned carbon products, calcium oxide.

SECTION VII - ACCIDENTAL RELEASE AND DISPOSAL MEASURES:

STEPS TO BE TAKEN IN CASE OF SPILL:

Ventilate confined areas. (Open windows and doors)
Wipe or scrape up material and put in a sealable safety container. Clean as appropriate to reduce hazard of slipping.

WASTE DISPOSAL METHOD:

Dispose of following local, state, and federal regulations.
Cured material is non-hazardous.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

Table with 6 columns: Substance, ACGIH TLV, ACGIH TLV-C, ACGIH STEL, OSHA STEL, OSHA PEL. Rows include VinylTrimethoxysilane and Methanol.

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)

**MATERIAL SAFETY DATA SHEET**

MSDS Name: OSI EP-1000

MSDS Number: 1364248

Version Number

Revision Date: November 19, 2009

Page Number: 4

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ventilation to maintain exposure below TLV.

**PROTECTIVE CLOTHING:**

Rubber gloves should be worn.

**EYE PROTECTION:**

Eye protection should be worn.

**HANDLING AND STORAGE PRECAUTIONS:**

Keep away from sunlight, heat and flame

Keep container tightly closed when not in use

**Wear protective clothing, Wash skin thoroughly after use.**

**Avoid contact with eyes, skin or clothing.**

KEEP OUT OF REACH OF CHILDREN

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**SECTION IX - TRANSPORT INFORMATION: (not all sizes available)**

**GROUND TRANSPORT (DOT) - DOMESTIC**

Caulking compound, Non Regulated

**AIR TRANSPORT (DOT) - DOMESTIC**

Caulking compound, Non Regulated

**AIR TRANSPORT (IATA) - INTERNATIONAL**

Caulking compound, Non Regulated

**MARINE - OCEAN TRANSPORT (IMDG)**

Caulking compound, Non Regulated

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**SECTION X - REGULATORY INFORMATION:**

SARA Section 311/312 Hazard Categories met:

Immediate (Acute) and Delayed (Chronic) Health Hazards

Chemical substances are TSCA listed.

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

California PROP.65 Chemicals:

This product contains a chemical known to the State of California to cause cancer.

CANADA Note:

**WHMIS CLASS:** When labeled as Consumer Commodity this product is exempt from WHMIS regulations. (Sect. 12f Hazardous Products Act)

**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, apparatus mentioned, and user must

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**MATERIAL SAFETY DATA SHEET**

MSDS Name: OSI EP-1000

MSDS Number: 1364248

Version Number

Revision Date: November 19, 2009

Page Number: 5

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**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 & safety of the users of this material.**