Manufacturer: OSI Sealants Inc.

Division Of Sovereign Specialty Chemicals Inc.

7405 Production Dr

Mentor, OH 44060

HMIS	1
Health	1
Flammability	0
Reactivity	0
Personal Protection	

Contact For Further Information : (216) 974-8352 or (800) 624-7767

For Emergency Contact CHEMTREC : (800) 424-9300

SECTION ONE: PRODUCT IDENTIFICATION

Product/Trade Name:	POLYSEAMSEAL® All Weather Silicone Caulk
Generic Name:	Silicone, Elastomer
Chemical Family:	Silicone Rubber Sealant

Proper Shipping Name (49CFR 172.101): None

D.O.T. Hazard Name (49CFR 172.101): None

D.O.T. ID NO. (49CFR 172.101): None

D.O.T. Hazard Class (49CFR 172.101): None

RCRA Hazard Class (40CFR 261) (if discarded): None

E.P.A. Priority Pollutants (40CFR 122.53): None

NFPA - National Fire Protection Association 704

Health (NFPA): 1 Flammability (NFPA): 1 Reactivity (NFPA): 0

CAS No: Mixture

Generic Description: Silicone

SECTION TWO: HAZARDOUS COMPONENTS

CAS No:	Ingredient	W %	Exposure Limits
004253343	Methyltriacetoxysilane	2	See Comment Below
017689779	Ethyltriacetoxysilane	2	See Comment Below
007631869	Silica, Amorphous Dust	8	OSHA PEL: TWA 6 mg/m3 ACGIH TLV: TWA 10 mg/m3 Total

Comment: Observe limits for Acetic Acid, formed during curing on exposure to water or humid air. OSHA PEL: TWA 10ppm. ACGIH TLV: TWA 10ppm, STEL 15ppm

SECTION THREE: PHYSICAL DATA FOR CAULK

Boiling Point @ 760mm Hg:	N/A
Specific Gravity @ 77°F/25°C:	1.02
Vapor Pressure @ 77°F/25°C:	Less Than 5mm
Percent Volatile By Weight(%):	Less Than 5

Section Three: Physical Data for Caulk - (Cont'd).

Vapor Density (Air = 1 @ 77°F/25°C): N/A

Melting Point: N/A

Solubility In Water (%): Less Than 0.1

Evaporation Rate (Ether = 1): N/A

Odor, Appearance, Color, Acetic Acid-Like Paste, White

Note: The above information is not intended for use in preparing product specifications. Contact Darworth Company before writing specifications.

SECTION FOUR: FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): Open Cup, Above 250°F/120°C

Auto Ignition: Not Determined

Flammability Limits In Air: Lower: N.D. Upper: N.D.

Extinguishing Media: Water, Foam, Fog, CO2, Dry Chemical, Other

Special Firefighting Procedures: Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.

Unusual Fire And Explosion Hazards: None

Comments: N.D. = Not Determined

SECTION FIVE: HEALTH HAZARD DATA

Permissible Exposure Limit: Refer to Section Two

Threshold Limit Value: Refer to Section Two

Effects Of Acute Overexposure:

Eye: Direct contact irritates slightly to moderately with redness and swelling.

Skin: A single short exposure (less than 24 hours) may irritate. Repeated prolonged contact (24 to 48 hours) may irritate moderately.

Inhalation: Vapor overexposure may irritate eyes, nose and throat.

Oral: Small amounts transferred to the mouth by fingers during use, etc., should not injure. Swallowing large amounts may cause digestive discomfort.

Effects Of Chronic Overexposure: No injury from silica dust should occur during reasonable use. If use creates respirable particles, some respiratory system injury may occur. The above listed potential effects of overexposure are based on actual data, results of studies performed upon similar compositions, component data and/or expert review of the product. Overexposure to any chemical may result in enhancement of pre-existing adverse medical conditions and allergic reactions.

EMERGENCY AND FIRST AID PROCEDURES

Eye Contact: Immediately flush eyes with water for at least 15 minutes. Get immediate medical attention.

Skin Contact: Wipe off and flush with water. Get medical attention if irritation develops.

Inhalation: Remove to fresh air. Get medical attention if ill effects persist.

Oral: No first aid should be needed.

SECTION SIX: REACTIVITY DATA

Stability: Stable

Hazardous Polymerization: Will not occur.

Incompatibility (Material to Avoid): Oxidizing material can cause a reaction. Air or moisture causes curing and acetic acid vapors to form.

Conditions To Avoid: Exposure to air or moisture until ready to use.

Hazardous Decomposition Products: Silicon Dioxide, Carbon Dioxide, and traces of incompletely burned carbon products.

Hazardous Polymerization: Will Not Occur

SECTION SEVEN: SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled: Remove product and contain for salvage or disposal:

Protective Equipment:

Eyes: Use proper protection —safety glasses, as a minimum.

Skin: Washing at mealtime and end of shift is adequate. Remove contaminated clothing and shoes as soon as practical and clean thoroughly before reuse. Rubber or plastic gloves are recommended.

Inhalation: Use respiratory protection unless local exhaust ventilation is adequate or air sampling data shows exposures are within TLV and PEL guidelines.

Waste Disposal Method: Darworth Company suggests that all Local, State and Federal Regulations concerning health and pollution be reviewed to determine approved disposal procedures. Contact Darworth Company if there are any disposal questions.

D.O.T. (49CFR 171.8)/E.P.A. (40CFR 117) spill reporting information

Hazardous Substance: None Reportable Quantity: N/A

Concentration of Hazardous Substance: N/A

Reportable Quantity of Product: N/A

Comments: Product contains no ingredient subject to D.O.T. or E.P.A. CERCLA/SARA environmental release reporting regulations.

SECTION EIGHT: ROUTINE HANDLING PRECAUTIONS

Protective Equipment:

Eyes: Use proper protection----safety glasses, as a minimum.

Skin: *Washing at mealtime and end of shift is adequate. Remove contaminated clothing and shoes as soon as practical and clean thoroughly before reuse. Rubber or plastic gloves are recommended.

Inhalation: Use respiratory protection unless local exhaust ventilation is adequate or air sampling data show exposures are within TLV and PEL guidelines.

Ventilation: Local exhaust: Recommended

Mechanical (General): Recommended

Suitable Respirator: Organic Vapor Type

These precautions are for room temperature handling; use at elevated temperatures, or aerosol/spray applications, may require added precautions.

* Good practice requires that gross amount of any chemical be removed from the skin as soon as practical, especially before eating or smoking.

Comments: Avoid breathing vapors and eye and skin contact. Use only with adequate ventilation. Do not take internally.

SECTION NINE: SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling And Storing: Store below 90°F/32°C. Keep containers closed when not in use.

Other Precautions: Product forms acetic acid (HOAC) when exposed to water or humid air. Provide ventilation during use to control HOAC exposure within 10 ppm (current TLV) or use respiratory protection.

Comments: Traces of formaldehyde (carcinogen) may form if heating in air above 300°F/149°C. Provide ventilation to control vapor exposure within inhalation guidelines when handling at elevated temperatures. Review the OSHA formaldehyde regulations for detailed information on safe handling requirements.

The information contained in this document is based upon available data and believed to be accurate. However, because the information has been obtained from various sources over which OSI Sealants, Inc. (OSI) has no control, including the manufacturer and independent laboratories, it is provided without warranty or representation that it is complete, accurate or can be relied upon. Because OSI cannot anticipate or control the many situations in which this product may be used, OSI makes no warranty that the health and safety precautions set out in this document will be proper under all conditions. It is the sole responsibility of each user of this product to determine what is appropriate for your use and to comply with the requirements of all applicable laws. This information is provided solely for health and safety purposes. Any other use of this information is expressly prohibited.