

MATERIAL SAFETY DATA SHEET

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT: Whirlpool P/N 8201711

Supplier: American Sealants, Inc.
3806 Option Pass
Fort Wayne, IN 46818

Phone: (260) 489-0728
Fax: (260) 489-0519
Emergency/InfoTrac: 800-535-5053

Generic Description: Silicone Elastomer

NFPA Profile: Health NA

Flammability (NFPA): 1

Reactivity 0

Physical Form: Paste

Color: Clear

Odor: Some Odor

CAS NO: Mixture

Health (NFPA): 1

Revised 02/16/05

Note: NFPA = National Fire Protection Association

SECTION 2. HAZARDOUS COMPONENTS

<u>CAS Number</u>	<u>Wt%</u>	<u>Component</u>	<u>Exposure Limits</u>
004253343	2 - 5	Methyltriacetoxysilane	See comment below
017689779	2 - 5	Ethyltriacetoxysilane	See comment below
007631869	5 - 10	Silica, Amorphous	OSHA PEL: TWA 6 MG/M3 ACGIH TLV: TWA 10 MG/M3 Total Dust
70131-67-8	60 - 80	Polydimethylsiloxane Silonol/STPD	See comment below
63148629	5 - 10	Dimethylpolysiloxane	See comment below

Comments: Observe limits for acetic acid, formed during curing on exposure to water or humid air. OSHA PEL: TWA 10 PPM. ACGIH TLV: TWA 10 PPM, STEL 15 PPM

SECTION 3. EFFECTS OF OVEREXPOSURE

Acute Effects

Eye: Direct contact irritates slightly with redness and swelling.

Skin: A single short exposure (Less than 24 hours) may irritate. Repeated or prolonged contact (24 to 48 hours) may cause 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.

Comments: No injury from dusts should occur during reasonable use. If use creates respirable particles some respiratory system injury may occur. Cures sealant is nonhazardous

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.

SECTION 4. FIRST AID MEASURES

Eye: Immediately flush with water for 15 minutes. Get medical attention.

Skin: Remove from skin and wash thoroughly with soap and water or waterless cleanser. Get medical attention if irritation or other ill effects develop or persist.

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

Oral: No first aid should be needed

Comments: None

SECTION 5. FIRE AND EXPLOSION DATA

Flash Point (Method Used): Not applicable

Autoignition: Not determined

Flammability Limits in air: Lower: N.D. Upper: N. D.

Extinguishing Media: Water Water Fog X Co2 X Dry chemical x Foam x Other

Special Fire and Explosion Procedures: Self contained breathing apparatus and protective clothing should be worn if fighting fires involving chemicals.

Unusual Fire and Explosion Hazards: None known

Comments: N.D. - Not Determined. Product is considered a solid for DOT purposes and flash point is not applicable

Boiling Point (at 760 MM HG): Not Applicable

Specific Gravity (at 77°F.25°C) 1.02

Melting Point: Not applicable

Vapor Pressure (at 77°F/25°C): Less than 5 mm

Vapor Density (Air - 1 at 77 °F/25°C): Not applicable

Percent Volatile by Weight (%): Less than 5

Evaporation Rate (Ether = 1) : Not applicable

Solubility in water (%): Less than 0.1

Odor, Appearance, Color: Acetic Acid-like, Paste, Clear,

Note: The above information is not intended for use in preparing product specifications.

SECTION 6. PHYSICAL DATA

Boiling Point (at 760 MM HG): Not Applicable

Specific Gravity (at 77°F.25°C) 1.02

Melting Point: Not applicable

Vapor Pressure (at 77°F/25°C): Less than 5 mm

Vapor Density (Air - 1 at 77 °F/25°C): Not applicable

Percent Volatile by Weight (%): Less than 5

Evaporation Rate (Ether = 1) : Not applicable

Solubility in water (%): Less than 0.1

Odor, Appearance, Color: Acetic Acid-like, Paste, Clear,

Note: The above information is not intended for use in preparing product specifications.

SECTION 7. REACTIVE DATA

Stability: Stable

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

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

Hazardous decomposition products: Silicone dioxide, carbon dioxide, and traces of incompletely burned carbon products.

Hazardous polymerization: Will not occur

Conditions to Avoid: Not applicable

SECTION 8. SPILL, LEAK, MAINTENANCE/REPAIR AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove product and contains for salvage or disposal.

Personal Protective Equipment

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

Skin: Wash at mealtime and end of shift. If skin contact occurs, change contaminated clothing as soon as possible and thoroughly flush affected areas with cool water. Chemical protective gloves are recommended.

Inhalation: Use respiratory protection unless adequate local exhaust ventilation is provided or air sampling data show exposures are Within recommended exposure guidelines. Industrial Hygiene Personnel can assist in judging the adequacy of existing Engineering controls.

Waste Disposal Method: American Sealants suggest that all local, state and federal regulations concerning health and pollution be reviewed to determine approved disposal procedures.

D.O.T. (49CFR 171.8)/E.P.A. (40 C.F.R.117) Spill Reporting Information

Hazardous Substances: None **Reportability Quantity:** Not Applicable

Concentration of Hazardous Substance: Not applicable

Reportable Quantity of Product: Not applicable

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

SECTION 9. ROUTINE HANDLING PRECAUTIONS.

Protective Equipment:

Eyes: Use proper eye 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 temperature, 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 10. SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling And Storing: Store below 90°F/32°C Keep Container 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 heated 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.

SECTION 11 REGULATORY INFORMATION

Additional SARA Regulatory Compliance Information

SEC. 312 Hazardous Class: Immediate

SEC. 313 Notification: Not applicable - either non present or non present in regulated quantities.

Supplemental State Compliance Information:

Pennsylvania:	10%	007631869 Silica, Amorphous	
		070131678 Polydimethylsiloxane Silonol/ STPD	
Massachusetts:	10%	007631869 Silica, Amorphous	
New Jersey:	10%	007631869 Silica, Amorphous, Fumed; #1655	
		004253343 Methyltriacetoxysilane	63148629 Dimethylpolysiloxane
		017689779 Ethyltriacetoxysilane	070131678 Polydimethylsiloxane Silonol/ STPD

These data are offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.