

**MWPCLR 24GRF  
Silicone sealant****1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**Manufactured By:** Waterford Plant  
260 Hudson River Rd  
Waterford NY 12188

**Revised:** 03/12/2008  
**Preparer:** PRODUCT STEWARDSHIP COMPLIANCE AND STANDARDS  
**CHEMTREC** 1-800-424-9300

**Chemical Family/Use:** Silicone Rubber  
**Formula:** Mixture

**HMIS**

Flammability: 0      Reactivity: 0      Health: 1

**NFPA**

Flammability: 1      Reactivity: 0      Health: 1

**2. HAZARDS IDENTIFICATION****EMERGENCY OVERVIEW**

WARNING! May be harmful if swallowed, inhaled or absorbed through skin. Irritating to eyes, respiratory system and skin. May cause central nervous system depression. May cause adverse reproductive effects. Adverse reproductive effects reported in animals.

Form: Solid      Color: Translucent      Odor: Ammonia

**POTENTIAL HEALTH EFFECTS****INGESTION**

May be harmful if swallowed. May cause central nervous system effects. May cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

**SKIN**

Uncured product contact will irritate lips, gums and tongue. May cause skin irritation. May be absorbed through skin and produce effects as listed under "Ingestion".

**INHALATION**

Applies in uncured state. May cause respiratory tract irritation. May also cause other effects as listed under "Ingestion".

**EYES**

Eye irritation on contact with the uncured product.

**MEDICAL CONDITIONS AGGRAVATED**

Respiratory disorder Central nervous system disorders. Skin disorders.

**SUBCHRONIC (TARGET ORGAN )**

Liver; Central nervous system

**MWPCLR 24GRF  
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This product or one of its ingredients present at 0.1% or more is NOT listed as a carcinogen or suspected carcinogen by NTP, IARC, or OSHA.

**ROUTES OF EXPOSURE**

Dermal; Eyes

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

<u>PRODUCT COMPOSITION</u>	<u>CAS REG NO.</u>	<u>WGT. %</u>
<b><u>A. HAZARDOUS</u></b>		
DISTILLATES, PETROLEUM, HYDROTREATED	64742-47-8	1 - 5 %
Hexamethyldisilazane	999-97-3	1 - 5 %
Methyltrimethoxysilane	1185-55-3	1 - 5 %
<b><u>B. NON-HAZARDOUS</u></b>		
Treated Filler	68611-44-9	10 - 30 %
Polydimethylsiloxane	63148-62-9	10 - 30 %
Methoxypolydimethylsiloxane	68037-58-1	60 - 90 %

**4. FIRST AID MEASURES****INGESTION**

Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.

**SKIN**

To clean from skin, remove completely with a dry cloth or paper towel, before washing with detergent and water.

**INHALATION**

If inhaled, remove to fresh air. If not breathing give artificial respiration using a barrier device. If breathing is difficult give oxygen. Get medical attention.

**EYES**

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

**MWPCLR 24GRF  
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Treatment is symptomatic and supportive.

**5. FIRE-FIGHTING MEASURES**

**FLASH POINT:** > 93.3 °C; 200 °F  
**METHOD:** estimated  
**IGNITION TEMPERATURE:** Unknown  
**FLAMMABLE LIMITS IN AIR - LOWER (%):** Not applicable  
**FLAMMABLE LIMITS IN AIR - UPPER (%):** Not applicable

**SENSITIVITY TO MECHANICAL IMPACT:** No

**SENSITIVITY TO STATIC DISCHARGE**

Sensitivity to static discharge is not expected.

**EXTINGUISHING MEDIA**

All standard extinguishing agents are suitable. None

**SPECIAL FIRE FIGHTING PROCEDURES**

Firefighters must wear NIOSH/MSHA approved positive pressure self-contained breathing apparatus with full face mask and full protective clothing.

**6. ACCIDENTAL RELEASE MEASURES****ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED**

Wipe, scrape or soak up in an inert material and put in a container for disposal. Wash walking surfaces with detergent and water to reduce slipping hazard. Wear proper protective equipment as specified in the protective equipment section. Increase area ventilation.

**7. HANDLING AND STORAGE****PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE**

Avoid contact with skin and eyes. Remove contact lenses before using sealant. Do not handle lenses until all sealant has been cleaned from the fingertips, nails and cuticles. Residual sealant may remain on fingers for several days and transfer to lenses and cause severe eye irritation. Use only in well-ventilated areas. Keep container closed when not in use. Product releases methanol during application and curing. Product releases ammonia during application and curing.

**STORAGE**

Store away from heat, sources of ignition, and incompatibles. Keep out of the reach of children.

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Eyewash stations; Showers; Ventilation and other forms of engineering controls are preferred for controlling exposures. Respiratory protection may be needed for non-routine or emergency situations.

**RESPIRATORY PROTECTION**

If exposure limits are exceeded or respiratory irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Supplied air respirators may be required for non-routine or emergency situations. Respiratory protection must be provided in accordance with OSHA regulations (see 29CFR 1910.134).

**PROTECTIVE GLOVES**

Cloth gloves.

**EYE AND FACE PROTECTION**

Safety glasses

**OTHER PROTECTIVE EQUIPMENT**

Wear suitable protective clothing and eye/face protection.

**Exposure Guidelines**

<b>Component</b>	<b>CAS RN</b>	<b>Source</b>	<b>Value</b>
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Absence of values indicates none found

PEL - OSHA Permissible Exposure Limit; TLV - ACGIH Threshold Limit Value; TWA - Time Weighted Average

OSHA revoked the Final Rule Limits of January 19, 1989 in response to the 11th Circuit Court of Appeals decision (AFL-CIO v. OSHA) effective June 30, 1993. See 29 CFR 1910.1000 (58 FR 35338).

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>BOILING POINT - C &amp; F:</b>	Not applicable
<b>VAPOR PRESSURE (20 C) (MM HG):</b>	Not applicable
<b>FREEZING POINT:</b>	Not applicable
<b>MELTING POINT:</b>	Not applicable
<b>PHYSICAL STATE:</b>	Solid
<b>ODOR:</b>	Ammonia
<b>COLOR:</b>	Translucent
<b>EVAPORATION RATE (BUTYL ACETATE=1):</b>	< 1
<b>SPECIFIC GRAVITY (WATER=1):</b>	ca. 1.05
<b>DENSITY:</b>	1.05 g/cm <sup>3</sup>
<b>ACID / ALKALINITY (MEQ/G):</b>	Unknown
<b>pH:</b>	Not applicable
<b>VOLATILE ORGANIC CONTENT (VOL):</b>	2.2 %(m)
<b>SOLUBILITY IN WATER (20 C):</b>	Negligible

**MWPCLR 24GRF  
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**SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT):** Toluene  
**VOC EXCL. H2O & EXEMPTS (G/L):** 27

**10. STABILITY AND REACTIVITY****STABILITY**

Stable

**HAZARDOUS POLYMERIZATION**

Will not occur

**HAZARDOUS THERMAL DECOMPOSITION / COMBUSTION PRODUCTS**

Carbon monoxide; Carbon dioxide (CO<sub>2</sub>); Silicon dioxide.; Methanol; Formaldehyde; Ammonia; This product contains methylpolysiloxanes which can generate formaldehyde at approximately 300 degrees Fahrenheit (150°C) and above, in atmospheres which contain oxygen. Formaldehyde is a skin and respiratory sensitizer, eye and throat irritant, acute toxicant, and potential cancer hazard. A MSDS for formaldehyde is available from Momentive.

**INCOMPATIBILITY (MATERIALS TO AVOID)**

None known.

**CONDITIONS TO AVOID**

Vapor and/or liquid react with water to form ammonia. Applies in uncured state.

**11. TOXICOLOGICAL INFORMATION****ACUTE ORAL**

Remarks: Unknown

**ACUTE DERMAL**

Remarks: Unknown

**ACUTE INHALATION**

Remarks: Unknown

**OTHER**

Contains dibutyltin compound(s) - May impair fertility. May cause harm to unborn child.

**SENSITIZATION**

No data available

**SKIN IRRITATION**

No data available

**MWPCLR 24GRF  
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No data available

**MUTAGENICITY**

Unknown

**OTHER EFFECTS OF OVEREXPOSURE**

Methanol released during curing.

**12. ECOLOGICAL INFORMATION****ECOTOXICITY**

Ecotoxicological data for this product is not available.

**DISTRIBUTION**

No data available

**CHEMICAL FATE**

No data available

**13. DISPOSAL CONSIDERATIONS****DISPOSAL METHOD**

Disposal should be made in accordance with federal, state and local regulations.

**14. TRANSPORT INFORMATION****Further Information:**

This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods.

**15. REGULATORY INFORMATION****Inventories**

Canada DSL Inventory	y (Positive listing)
Korea Existing Chemicals Inventory (KECI)	y (Positive listing)
China Inventory of Existing Chemical Substances	y (Positive listing)
Australia Inventory of Chemical Substances (AICS)	y (Positive listing)

**MWPCLR 24GRF  
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Philippines Inventory of Chemicals and Chemical Substances (PICCS) y (Positive listing)

EU list of existing chemical substances y (Positive listing)

Canada NDSL Inventory n (Negative listing)

Japan Inventory of Existing & New Chemical Substances (ENCS) n (Negative listing)

TSCA list y (Positive listing)

For inventories that are marked as quantity restricted or special cases, please contact Momentive.

**US Regulatory Information****SARA (311,312) HAZARD CLASS**

Acute Health Hazard; Chronic Health Hazard

**SARA (313) CHEMICALS**

58-36-6, 10, 10'-oxybisphenoxarsine

**CALIFORNIA PROPOSITION 65**

WARNING! This product contains a chemical known in the State of California to cause cancer. 108-88-3, Toluene.

**Canadian Regulatory Information****WHMIS HAZARD CLASS**

D2A VERY TOXIC MATERIALS, D2B TOXIC MATERIALS

**16. OTHER INFORMATION****OTHER**

C = ceiling limit NEGL = negligible EST = estimated NF = none found NA = not applicable  
UNKN = unknown NE = none established REC = recommended ND = none determined V =  
recommended by vendor SKN = skin TS = trade secret R = recommended MST =  
mist NT = not tested STEL = short term exposure limit ppm = parts per million ppb = parts per  
billion By-product= reaction by-product, TSCA inventory status not required under 40 CFR part  
720.30(h-2)., These data are offered in good faith as typical values and not as product specifications.  
No warranty, either expressed or implied, is 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.