

**SE2184 12C-SILICONE II W&D-Crtrg (0.740 Lbs-0.336 Kg) CLEAR  
POLYSILOXANE COMPOUND****1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**Manufacturer Name:** Momentive performance material  
260 Hudson River Rd  
Waterford NY 12188

**Revised:** 06/11/2012  
**Prepared by** Product Regulatory Compliance  
**CHEMTREC** 1-800-424-9300  
**MSDS Contact** 1-888-443-9466  
**Information** 4information@momentive.com

**Chemical Family/Use:** Sealant

**Formula:** Mixture

**HMIS**

Flammability: 1      Reactivity: 0      Health: 1

**NFPA**

Flammability: 1      Reactivity: 0      Health: 1

**2. HAZARDS IDENTIFICATION****WHMIS CLASSIFICATION**

Toxic Material Causing Other Toxic Effects

**EMERGENCY OVERVIEW**

WARNING! May be harmful if swallowed, in contact with skin or if inhaled. Irritating to eyes, respiratory system and skin. May cause central nervous system depression.

Form: Solid

Color: Colorless

Odor: Ammonia.

**Potential Health Effects****INGESTION**

May cause abdominal pain with vomiting, nausea, diarrhea, or dizziness.

**SKIN**

Skin irritation is possible after contact with the uncured product. Uncured product contact will irritate lips, gums and tongue. May be absorbed through skin and produce effects as listed under "Ingestion".

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

**EYES**

Eye irritation on contact with the uncured product.

**MEDICAL CONDITIONS AGGRAVATED**

Pre-existing skin or respiratory diseases.

**SUBCHRONIC (TARGET ORGAN )**

Skin; Central nervous system.

**CHRONIC EFFECTS / CARCINOGENICITY**

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; Eye; Oral; Skin absorption.

**3. COMPOSITION/INFORMATION ON INGREDIENTS****HAZARDOUS COMPONENT(S)**

PRODUCT COMPOSITION	CAS-NO.	WGT. %
DISTILLATES (PETROLEUM), HYDROTREATED MIDDLE	64742-46-7	1 - 5 %
Methyltrimethoxysilane	1185-55-3	1 - 5 %
Hexamethyldisilazane	999-97-3	1 - 5 %

Note(s): See Section 15 for HMIRC information.

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

If swallowed, do NOT induce vomiting. Give a glass of water.

**SKIN**

To clean from skin, remove completely with a dry cloth or paper towel, before washing with detergent and water. If skin irritation occurs: Get medical advice/attention.

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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 with eyes, rinse immediately with plenty of water and seek medical advice.

**5. FIRE-FIGHTING MEASURES**

<b>FLASH POINT:</b>	> 93.3 °C; 200 °F
<b>METHOD</b>	Estimated
<b>IGNITION TEMPERATURE:</b>	No data available.
<b>Autoignition Temperature:</b>	<u>None</u>
<b>FLAMMABLE LIMITS LEL:</b>	Not applicable
<b>FLAMMABLE LIMITS UEL:</b>	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.

**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.

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Avoid contact with skin and eyes. Keep container tightly closed. Remove contact lenses before using sealant. Do not handle lenses until all sealant has been cleaned from the finger and hands. Product releases methanol during application and curing. Product releases ammonia during application and curing.

**STORAGE**

Keep away from heat, sparks and open flame.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****ENGINEERING CONTROLS**

Safety shower.

**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**

Rubber or plastics gloves

**EYE AND FACE PROTECTION**

Safety glasses with side shields

**OTHER PROTECTIVE EQUIPMENT**

Wear suitable protective clothing and eye/face protection.

**Exposure Guidelines**

<b>Component</b>	<b>CAS-No.</b>	<b>Source</b>	<b>Value</b>
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Consult local authorities for acceptable provincial values.

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).

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<b>BOILING POINT (°C):</b>	Not applicable
<b>VAPOR PRESSURE (20 C) (MM HG):</b>	Not applicable
<b>VAPOR DENSITY (AIR=1):</b>	<u>No data available.</u>
<b>FREEZING POINT:</b>	Not applicable
<b>MELTING POINT:</b>	Not applicable
<b>PHYSICAL STATE:</b>	Solid
<b>ODOR:</b>	Ammonia.
<b>ODOR THRESHOLD:</b>	No data available.
<b>COLOR:</b>	Colorless
<b>EVAPORATION RATE (BUTYL ACETATE=1):</b>	No data available.
<b>SPECIFIC GRAVITY:</b>	No data available.
<b>DENSITY:</b>	ca. 1.04 g/cm <sup>3</sup>
<b>ACID / ALKALINITY (MEQ/G):</b>	No data available.
<b>pH:</b>	Not applicable
<b>VOLATILE ORGANIC CONTENT:</b>	2.2 %(m)
<b>SOLUBILITY IN WATER (20 C):</b>	Insoluble
<b>SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT):</b>	PARTIAL IN TOLUENE
<b>Partition Coefficient: n-octanol/water:</b>	No data available.

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

Stable

**HAZARDOUS POLYMERIZATION.**

Hazardous polymerisation does not occur.

**HAZARDOUS THERMAL DECOMPOSITION / COMBUSTION PRODUCTS**

Carbon dioxide; Silicon dioxide.; Formaldehyde.; This product contains methylpolysiloxanes which will likely 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 has been classified by the National Toxicology Program as as a known human carcinogen. A MSDS for formaldehyde is available from Momentive. See Section 11 for additional information on formaldehyde.

**INCOMPATIBLE MATERIALS**

None known.

**CONDITIONS TO AVOID**

Reacts with water liberating small amounts of ammonia.

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

Remarks: No data available.

**Repeated dose toxicity**None**ACUTE DERMAL**

Remarks: No data available.

**ACUTE INHALATION**

Remarks: No data available.

**OTHER**

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

**GENETIC TOXICITY IN VITRO**None**GENETIC TOXICITY IN VIVO**None**SENSITIZATION**

No data available.

**SKIN IRRITATION.**

No data available.

**EYE IRRITATION**

No data available.

**MUTAGENICITY**

No data available.

**OTHER EFFECTS OF OVEREXPOSURE**

Methanol is formed during processing.

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

Ecotoxicological data for this product is not available.

**DISTRIBUTION**

No data available.

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No data available.

**13. DISPOSAL CONSIDERATIONS****DISPOSAL METHODS**

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**

Australia Inventory of Chemical Substances (AICS)	y (positive listing)
EU list of existing chemical substances	y (positive listing)
Japan Inventory of Existing & New Chemical Substances (ENCS)	n (Negative listing)
China Inventory of Existing Chemical Substances	y (positive listing)
Korea Existing Chemicals Inventory (KECI)	y (positive listing)
Canada DSL Inventory	y (positive listing)
Canada NDSL Inventory	n (Negative listing)
Philippines Inventory of Chemicals and Chemical Substances (PICCS)	y (positive listing)
TSCA list	y (positive listing)

On TSCA Inventory

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

**Canadian Regulatory Information**

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**WHMIS CLASSIFICATION**

Toxic Material Causing Other Toxic Effects

**CPR Compliance**

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

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

Acute Health Hazard

**CALIFORNIA PROPOSITION 65**

Warning! This product contains a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

**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.