

**MOMENTIVE**  
performance materialsVersion: 1.6  
11/26/2008**SILICONE II K&B WHITE GE281/3TG/0.198LBS-0.090KG**  
**SILICONE SEALANT****1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

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

**Revised:** 11/26/2008

**Preparer:** PRODUCT STEWARDSHIP COMPLIANCE AND STANDARDS  
**CHEMTREC** 1-800-424-9300

**Chemical Family/Use:** Sealant  
**Formula:** Mixture

**HMIS**

Flammability: 0      Reactivity: 0      Health: 0

**NFPA**

Flammability: 0      Reactivity: 0      Health: 1

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

**WARNING!** Harmful by inhalation, in contact with skin and if swallowed. May cause skin, eye, and stomach irritation. May cause central nervous system depression. May cause adverse reproductive effects. Adverse reproductive effects reported in animals.

Form: solid      Color: white      Odor: Ammonia

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

May be harmful if swallowed. May cause stomach discomfort. May cause central nervous system effects. May cause gastrointestinal irritation, nausea, vomiting, and diarrhea. Not an anticipated route of exposure.

**SKIN**

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

**INHALATION**

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

**EYES**

Eye irritation on contact with the uncured product. May cause mild eye irritation.

**MEDICAL CONDITIONS AGGRAVATED**

Pre-existing skin or respiratory diseases.



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**NOTE TO PHYSICIAN**

None known.

**5. FIRE-FIGHTING MEASURES**

**FLASH POINT:** > 93.3 °C; 200 °F  
**METHOD:** estimated  
**IGNITION TEMPERATURE:** Unknown  
**FLAMMABLE LIMITS IN AIR - LOWER (%):** Unknown  
**FLAMMABLE LIMITS IN AIR - UPPER (%):** Unknown

**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.

**7. HANDLING AND STORAGE**

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

Avoid contact with skin and eyes. Keep away from children. Keep container tightly closed. Use mechanical ventilation to stay below TLV of 25 ppm ammonia. Store away from heat, sources of ignition, and incompatibles.



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### 12. ECOLOGICAL INFORMATION

#### ECOTOXICITY

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

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

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

#### US Regulatory Information



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**10. STABILITY AND REACTIVITY**

**STABILITY**

Stable

**HAZARDOUS POLYMERIZATION**

Will not occur.

**HAZARDOUS THERMAL DECOMPOSITION / COMBUSTION PRODUCTS**

Methanol; Carbon dioxide (CO<sub>2</sub>); Carbon monoxide; Ammonia; Silicon dioxide.

**INCOMPATIBILITY (MATERIALS TO AVOID)**

None known.

**CONDITIONS TO AVOID**

None known.

**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.

**MUTAGENICITY**

Unknown

**OTHER EFFECTS OF OVEREXPOSURE**

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.



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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**ENGINEERING CONTROLS**

Eyewash stations; Showers

**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**

Component	CAS RN	Source	Value
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Absence of values indicates none found

PEL - OSHA Permissible Exposure Limit; TLV - ACGIH Threshold Limit Value; TWA - Time Weighted Average; INTL REL - Internal Recommended Exposure Limit

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>PHYSICAL STATE:</b>	solid
<b>ODOR:</b>	Ammonia
<b>COLOR:</b>	white
<b>SPECIFIC GRAVITY (WATER=1):</b>	1.03
<b>DENSITY:</b>	1.03 g/cm3
<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>	insoluble
<b>SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT):</b>	PARTIAL IN TOLUENE
<b>VOC EXCL. H2O &amp; EXEMPTS (G/L):</b>	27



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**SARA (311,312) HAZARD CLASS**  
None.; Acute Health Hazard

**SARA (313) CHEMICALS**

**Canadian Regulatory Information**

**WHMIS HAZARD CLASS**

D2A - Very Toxic Material Causing Other Toxic Effects  
D2B - Toxic Material Causing Other Toxic Effects

**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.



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**Material Safety Data Sheet**

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**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**

Inhalation; Dermal; Eyes; Oral.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

<u>PRODUCT COMPOSITION</u>	<u>CAS REG NO.</u>	<u>WGT. %</u>
<b>A. HAZARDOUS</b>		
Octamethylcyclotetrasiloxane	556-67-2	< 1 %
Methyltrimethoxysilane	1185-55-3	1 - 5 %
DISTILLATES (PETROLEUM), HYDROTREATED MIDDLE	64742-46-7	1 - 5 %
<b>B. NON-HAZARDOUS</b>		
Methoxypolydimethylsiloxane	68037-58-1	60 - 100 %
Treated Fumed Silica	68583-49-3	0.1 - 1 %

**4. FIRST AID MEASURES**

**INGESTION**

Do not induce vomiting. If victim is conscious, give 1-3 glasses of water to drink. Never give anything by mouth to an unconscious person. Get medical attention if irritation persists.

**SKIN**

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

**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.