

**GE112A  
Silicone Rubber Compound****1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

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

**Revised:** 01/14/2009  
**Preparer:** PRODUCT STEWARDSHIP COMPLIANCE AND STANDARDS  
**CHEMTREC** 1-800-424-9300

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

**HMIS**

Flammability: 1      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.

Form: solid      Color: white      Odor: Acetic acid.

**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. Skin irritation is possible after contact with the uncured product. May be absorbed through skin and produce effects as listed under "Ingestion".

**INHALATION**

Causes mild respiratory tract irritation. Applies in uncured state. May be harmful if inhaled.

**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

**GE112A  
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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; Inhalation

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

<u>PRODUCT COMPOSITION</u>	<u>CAS REG NO.</u>	<u>WGT. %</u>
<b><u>A. HAZARDOUS</u></b>		
DISTILLATES,	64742-47-8	5 - 10 %
PETROLEUM, HYDROTREATED		
METHYLTRIACTOXYLSILANE	4253-34-3	1 - 5 %
<b><u>B. NON-HAZARDOUS</u></b>		
dimethylpolysiloxane	70131-67-8	60 - 100 %
Treated Filler	68611-44-9	5 - 10 %
Titanium Dioxide	13463-67-7	1 - 5 %

**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. 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.

**NOTE TO PHYSICIAN**

None known.

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**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. Increase area ventilation.

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

Use only in well-ventilated areas. Avoid contact with skin and eyes. Eye irritation on contact with the uncured product. Skin irritation is possible after contact with the uncured product. **CAUTION!** 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. Product releases acetic acid during application and curing. Use mechanical ventilation to stay below TLV of 10 ppm acetic acid.

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Eyewash stations

**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; 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>	Acetic acid.
<b>COLOR:</b>	white
<b>EVAPORATION RATE (BUTYL ACETATE=1):</b>	< 1
<b>SPECIFIC GRAVITY (WATER=1):</b>	ca. 1.04
<b>DENSITY:</b>	ca. 1.04 g/cm <sup>3</sup>
<b>ACID / ALKALINITY (MEQ/G):</b>	not applicable
<b>pH:</b>	not applicable
<b>VOLATILE ORGANIC CONTENT (VOL):</b>	2.8 %(m)
<b>SOLUBILITY IN WATER (20 C):</b>	insoluble
<b>SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT):</b>	Toluene

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VOC EXCL. H2O &amp; EXEMPTS (G/L): 36

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

Stable

**HAZARDOUS POLYMERIZATION**

Will not occur.

**HAZARDOUS THERMAL DECOMPOSITION / COMBUSTION PRODUCTS**

Carbon dioxide (CO<sub>2</sub>); Carbon monoxide; Silicon dioxide.; formaldehyde; Acetic acid.; 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**

None known.

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

Remarks: Not applicable.

**ACUTE DERMAL**

Remarks: Not applicable.

**ACUTE INHALATION**

Remarks: Not applicable.

**OTHER**

None.

**SENSITIZATION**

No data available

**SKIN IRRITATION**

No data available

**EYE IRRITATION**

No data available

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**MUTAGENICITY**

Unknown

**OTHER EFFECTS OF OVEREXPOSURE**

Acetic acid released during curing.

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

No data 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**

Japan Inventory of Existing & New Chemical Substances (ENCS)	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)
Philippines Inventory of Chemicals and Chemical Substances	y (positive listing)

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(PICCS)

EU list of existing chemical substances y (positive listing)  
Canada DSL Inventory y (positive listing)  
Canada NDSL Inventory n (Negative listing)  
TSCA list y (positive listing) On TSCA Inventory  
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****CALIFORNIA PROPOSITION 65**

This product does not contain any chemicals known to State of California to cause cancer, birth, or any other reproductive defects.

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

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