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
Silicone Rubber Compound

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; Eyes; Inhalation

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>PRODUCT COMPOSITION</th>
<th>CAS REG NO.</th>
<th>WGT. %</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A. HAZARDOUS</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DISTILLATES, PETROLEUM, HYDROTREATED</td>
<td>64742-47-8</td>
<td>5 - 10 %</td>
</tr>
<tr>
<td>METHYLTRIACETOXYSILANE</td>
<td>4253-34-3</td>
<td>1 - 5 %</td>
</tr>
<tr>
<td><strong>B. NON-HAZARDOUS</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>dimethylpolysiloxane</td>
<td>70131-67-8</td>
<td>60 - 100 %</td>
</tr>
<tr>
<td>Treated Filler</td>
<td>68611-44-9</td>
<td>5 - 10 %</td>
</tr>
<tr>
<td>Titanium Dioxide</td>
<td>13463-67-7</td>
<td>1 - 5 %</td>
</tr>
</tbody>
</table>

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.
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. 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.
8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS
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

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS RN</th>
<th>Source</th>
<th>Value</th>
</tr>
</thead>
</table>

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


9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT - C & F: not applicable
VAPOR PRESSURE (20 C) (MM HG): not applicable
FREEZING POINT: solid
PHYSICAL STATE: Acetic acid.
ODOR: white
COLOR:
EVAPORATION RATE (BUTYL ACETATE=1): < 1
SPECIFIC GRAVITY (WATER=1): ca. 1.04
DENSITY: ca. 1.04 g/cm3
ACID / ALKALINITY (MEQ/G): not applicable
pH: not applicable
VOLATILE ORGANIC CONTENT (VOL): 2.8 %(m)
SOLUBILITY IN WATER (20 C): insoluble
SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT): Toluene
GE112A
Silicone Rubber Compound

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

10. STABILITY AND REACTIVITY

STABILITY
Stable

HAZARDOUS POLYMERIZATION
Will not occur.

HAZARDOUS THERMAL DECOMPOSITION / COMBUSTION PRODUCTS
Carbon dioxide (CO2); 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
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)
GE112A
Silicone Rubber Compound

(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.