GE412A
Silicone Rubber Compound

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufactured By: Momentive performance material
260 Hudson River Rd
Waterford NY 12188

Revised: 03/23/2011
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, in contact with skin or if inhaled. Irritating to eyes, respiratory system and skin. May cause central nervous system depression.

Form: Paste Color: bronze 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. Non toxic.

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.
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; 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>A. HAZARDOUS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DISTILLATES,</td>
<td>64742-47-8</td>
<td>10 - 30 %</td>
</tr>
<tr>
<td>PETROLEUM, HYDROTREATED</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Methyltriacetoxyasilane</td>
<td>4253-34-3</td>
<td>1 - 5 %</td>
</tr>
<tr>
<td>B. NON-HAZARDOUS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dimethy polysiloxane</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>Polydimethylsiloxane</td>
<td>63148-62-9</td>
<td>1 - 5 %</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

INGESTION
Rinse mouth.

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.

INHALATION
Move to fresh air.

EYES
In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.
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NOTE TO PHYSICIAN
None known.

5. FIRE-FIGHTING MEASURES

FLASH POINT: > 93.3 °C; 200 °F
METHOD: Estimated
IGNITION TEMPERATURE: No data available.
FLAMMABLE LIMITS IN AIR - LOWER (%): No data available.
FLAMMABLE LIMITS IN AIR - UPPER (%): No data available.
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
None known.

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
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 finger and hands. Residual sealant may remain on fingers for several days and transfer to lenses, resulting in eye irritation.
Product releases acetic acid during application and curing. Use mechanical ventilation to stay below TLV of 10 ppm acetic acid.

STORAGE
Store away from heat, sources of ignition, and incompatibles.
8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS
Use only in well-ventilated areas.; Eyewash stations

RESPIRATORY PROTECTION
Use only in well-ventilated areas.

PROTECTIVE GLOVES
Cloth gloves.

EYE AND FACE PROTECTION
Safety glasses

OTHER PROTECTIVE EQUIPMENT
None known.

Exposure Guidelines

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS RN</th>
<th>Source</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Absence of values</td>
<td></td>
<td></td>
<td>indicates none found</td>
</tr>
<tr>
<td>PEL - OSHA</td>
<td></td>
<td></td>
<td>Permissible Exposure Limit; TLV - ACGIH Threshold Limit Value; TWA - Time Weighted Average; INTL REL - Internal Recommended Exposure Limit</td>
</tr>
</tbody>
</table>

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOILING POINT - C &amp; F:</td>
<td>Not applicable</td>
</tr>
<tr>
<td>VAPOR PRESSURE (20 C) (MM HG):</td>
<td>Not applicable</td>
</tr>
<tr>
<td>FREEZING POINT:</td>
<td>Not applicable</td>
</tr>
<tr>
<td>PHYSICAL STATE:</td>
<td>Paste</td>
</tr>
<tr>
<td>Odor:</td>
<td>Acetic acid.</td>
</tr>
<tr>
<td>Color:</td>
<td>bronze</td>
</tr>
<tr>
<td>SPECIFIC GRAVITY (WATER=1):</td>
<td>1.04</td>
</tr>
<tr>
<td>DENSITY:</td>
<td>ca. 1.04 g/cm3</td>
</tr>
<tr>
<td>ACID / ALKALINITY (MEQ/G):</td>
<td>Not applicable</td>
</tr>
<tr>
<td>pH:</td>
<td>Not applicable</td>
</tr>
<tr>
<td>SOLUBILITY IN WATER (20 C):</td>
<td>Insoluble</td>
</tr>
<tr>
<td>SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT):</td>
<td>Toluene</td>
</tr>
<tr>
<td>VOLATILE ORGANIC CONTENT:</td>
<td>2.8 % (m)</td>
</tr>
<tr>
<td>VOC EXCL. H2O &amp; EXEMPTS (G/L):</td>
<td>36 g/l</td>
</tr>
</tbody>
</table>
10. STABILITY AND REACTIVITY

STABILITY
Stable

HAZARDOUS POLYMERIZATION
Hazardous polymerisation does not occur.

HAZARDOUS THERMAL DECOMPOSITION / COMBUSTION PRODUCTS
Carbon dioxide; Carbon Monoxide; Acetic acid; Silicon dioxide.

INCOMPATIBILITY (MATERIALS TO AVOID)
None known.

CONDITIONS TO AVOID
None known.

11. TOXICOLOGICAL INFORMATION

ACUTE ORAL
Remarks: None known.

ACUTE DERMAL
Remarks: None known.

ACUTE INHALATION
Remarks: None known.

OTHER
None.

SENSITIZATION
No data available.

SKIN IRRITATION
No data available.

EYE IRRITATION
No data available.

MUTAGENICITY
No data available.

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

Australia Inventory of Chemical Substances (AICS) y (positive listing)
EU list of existing chemical substances y (positive 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)

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

CERCLA
PRODUCT COMPOSITION   Chemical   CERCLA Reportable Quantity

SARA (311,312) HAZARD CLASS
Acute Health Hazard; Chronic Health Hazard

SARA (313) CHEMICALS

CALIFORNIA PROPOSITION 65
Warning! This product contains a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.


Canadian Regulatory Information

WHMIS HAZARD CLASS
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.