GE5080 12C-Crtrg (0.730 Lbs-0.331 Kg)
Silicone Rubber 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: Silicone Rubber
Formula: Mixture

HMIS
Flammability: 0  Reactivity: 0  Health: 1

NFPA
Flammability: 0  Reactivity: 0  Health: 1

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW
WARNING! May be harmful by inhalation, in contact with skin and if swallowed. Irritating to eyes, respiratory system and skin. May cause central nervous system depression.
Form: solid  Color: brown  Odor: Ammonia

POTENTIAL HEALTH EFFECTS

INGESTION
May be harmful if swallowed. May cause central nervous system effects. May cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

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".

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.

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**

Inhalation; Dermal; Eyes; Oral.; Absorption through skin.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### PRODUCT COMPOSITION

<table>
<thead>
<tr>
<th>CAS REG NO.</th>
<th>WGT. %</th>
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<tbody>
<tr>
<td><strong>A. HAZARDOUS</strong></td>
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<tr>
<td>DISTILLATES (PETROLEUM), HYDROTREATED MIDDLE</td>
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<tr>
<td>Hexamethyldisilazane</td>
<td>64742-46-7</td>
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<tr>
<td>Methyltrimethoxysilane</td>
<td>999-97-3</td>
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</tbody>
</table>

| **B. NON-HAZARDOUS** | |
| Methoxypolydimethylsiloxane | 68037-58-1 | 60 - 100 % |
| Polymethylsiloxane | 63148-62-9 | 10 - 30 % |
| Treated Filler | 68611-44-9 | 10 - 30 % |

### 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.
NOTE TO PHYSICIAN
None known.

5. FIRE-FIGHTING MEASURES

FLASH POINT: > 93 °C; 199 °F
METHOD: estimated
IGNITION TEMPERATURE: Unknown
FLAMMABLE LIMITS IN AIR - LOWER (%): not applicable
FLAMMABLE LIMITS IN AIR - UPPER (%): 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.

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE
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 fingertips, nails and cuticles. Residual sealant may remain on fingers for several days and transfer to lenses and cause severe eye irritation. Product releases methanol during application and curing. Product releases ammonia during application and curing.

STORAGE
Store away from heat, sources of ignition, and incompatibles. Keep out of the reach of children.
8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS
Ensure adequate ventilation, especially in confined areas.

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>
<tbody>
<tr>
<td>Absence of values indicates none found</td>
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</table>

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: not applicable
PHYSICAL STATE: solid
ODOR: Ammonia
COLOR: brown
EVAPORATION RATE (BUTYL ACETATE=1): No data available
SPECIFIC GRAVITY (WATER=1): 1.05
DENSITY: ca. 1.048 g/cm3
ACID / ALKALINITY (MEQ/G): Unknown
pH: not applicable
VOLATILE ORGANIC CONTENT (VOL): 2.2 %(m)
10. STABILITY AND REACTIVITY

STABILITY
Stable

HAZARDOUS POLYMERIZATION
Will not occur.

HAZARDOUS THERMAL DECOMPOSITION / COMBUSTION PRODUCTS
Methanol; Carbon dioxide (CO2); Carbon monoxide; Ammonia; Silicon dioxide.

INCOMPATIBILITY (MATERIALS TO AVOID)
None known.

CONDITIONS TO AVOID
Vapor and/or liquid react with water to form ammonia.

11. TOXICOLOGICAL INFORMATION

ACUTE ORAL
Remarks: Unknown

ACUTE DERMAL
Remarks: Unknown

ACUTE INHALATION
Remarks: Unknown

OTHER
None.

SENSITIZATION
No data available

SKIN IRRITATION
No data available

EYE IRRITATION
No data available
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. Methanol 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
Canada DSL Inventory y (positive listing)
Korea Existing Chemicals Inventory (KECI) y (positive listing)
China Inventory of Existing Chemical Substances y (positive listing)
Australia Inventory of Chemicals y (positive listing)
Substances (AICS)  
Philippines Inventory of Chemicals and Chemical Substances (PICCS)  
EU list of existing chemical substances  
Canada NDSL Inventory  
Japan Inventory of Existing & New Chemical Substances (ENCS)  
TSCA list  
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  
58-36-6, 10, 10'-oxybisphenoxarsine.

CALIFORNIA PROPOSITION 65  
WARNING! This product contains a chemical known in the State of California to cause cancer. 108-88-3, Toluene.

Canadian Regulatory Information

WHMIS HAZARD CLASS  
D2A - Very Toxic Material Causing Other Toxic Effects
D2B - Toxic Material Causing Other Toxic Effects

Other

SCHEDLE B/HTSUS:  
3214.10.00.10 Mastic based on rubber

ECCN:  
EAR99

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.