1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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

Revised:  09/10/2007
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:  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.  May cause adverse reproductive effects.  Adverse reproductive effects reported in animals.

Form:  Solid  
Color:  bronze  
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
Uncured product contact will irritate lips, gums and tongue.  May cause skin irritation.  May be absorbed through skin and produce effects as listed under "Ingestion".

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

EYES
Eye irritation on contact with the uncured product.

MEDICAL CONDITIONS AGGRAVATED
Respiratory disorder Central nervous system disorders.  Skin disorders.

SUBCHRONIC (TARGET ORGAN )
Liver; 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; Eyes

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

#### PRODUCT COMPOSITION

<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>1-5%</td>
</tr>
<tr>
<td>Hexamethyldisilazane</td>
<td>999-97-3</td>
<td>1-5%</td>
</tr>
<tr>
<td>Methyl trimethoxysilane</td>
<td>1185-55-3</td>
<td>1-5%</td>
</tr>
<tr>
<td><strong>B. NON-HAZARDOUS</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Methoxypolydimethylsiloxane</td>
<td>68037-58-1</td>
<td>60-90%</td>
</tr>
<tr>
<td>Polydimethylsiloxane</td>
<td>63148-62-9</td>
<td>10-30%</td>
</tr>
<tr>
<td>Treated Filler</td>
<td>68611-44-9</td>
<td>10-30%</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.

**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
Treatment is symptomatic and supportive.

5. FIRE-FIGHTING MEASURES

FLASH POINT:  > 93.3 °C; 200 °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. Increase area ventilation.

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE
Avoid contact with skin and eyes. 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. Use only in well-ventilated areas. Keep container closed when not in use. 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
Eyewash stations; Showers; Ventilation and other forms of engineering controls are preferred for controlling exposures. Respiratory protection may be needed for non-routine or emergency situations.

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>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

PEL - OSHA Permissible Exposure Limit; TLV - ACGIH Threshold Limit Value; TWA - Time Weighted Average


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>MELTING POINT:</td>
<td>Not applicable</td>
</tr>
<tr>
<td>PHYSICAL STATE:</td>
<td>Solid</td>
</tr>
<tr>
<td>ODOR:</td>
<td>Ammonia</td>
</tr>
<tr>
<td>COLOR:</td>
<td>bronze</td>
</tr>
<tr>
<td>EVAPORATION RATE (BUTYL ACETATE=1):</td>
<td>&lt; 1</td>
</tr>
<tr>
<td>SPECIFIC GRAVITY (WATER=1):</td>
<td>ca. 1.05</td>
</tr>
<tr>
<td>DENSITY:</td>
<td>ca. 1.05 g/cm3</td>
</tr>
<tr>
<td>ACID / ALKALINITY (MEQ/G):</td>
<td>Unknown</td>
</tr>
<tr>
<td>pH:</td>
<td>Not applicable</td>
</tr>
<tr>
<td>VOLATILE ORGANIC CONTENT (VOL):</td>
<td>2.2 %(m)</td>
</tr>
<tr>
<td>SOLUBILITY IN WATER (20 C):</td>
<td>Negligible</td>
</tr>
</tbody>
</table>
SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT): Toluene
VOC EXCL. H2O & EXEMPTS (G/L): ca. 27

10. STABILITY AND REACTIVITY

STABILITY
Stable

HAZARDOUS POLYMERIZATION
Will not occur.

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

INCOMPATIBILITY (MATERIALS TO AVOID)
None known.

CONDITIONS TO AVOID
Vapor and/or liquid react with water to form ammonia. Applies in uncured state.

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.

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
Ecotoxicological data for this product is not 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 Chemical Substances (AICS) y (Positive listing)
Philippines Inventory of Chemicals and Chemical
GE5097 12C-Crtrg (0.730 Lbs-0.331 Kg)
Silicone Rubber Sealant

Substances (PICCS)
EU list of existing chemical substances y (Positive listing)
Canada NDSL Inventory n (Negative listing)
Japan Inventory of Existing & New Chemical Substances (ENCS)
TSCA list y (Positive listing)
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

Canadian Regulatory Information
WHMIS HAZARD CLASS
D2A VERY TOXIC MATERIALS, D2B TOXIC MATERIALS

Other
SCHEDLE B/HTSUS: 3214.10.00.10 Mastic based on rubber
ECCN: EAR99

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

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
MST = mist NT = not tested TS = trade secret R = recommended 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.