1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufactured By: Momentive Performance Materials
3500 South State Route 2
FRIENDLY WV 26146

Revised: 12/12/2007
Preparer: PRODUCT STEWARDSHIP COMPLIANCE AND STANDARDS
CHEMTREC 1-800-424-9300

Chemical Family/Use: Aminosilicone Polyether Copolymer Emulsion Concentrate
Formula: Aminosilicone Polyether Copolymer Emulsion Concentrate

HMIS
Flammability: 2  Reactivity: 0  Health: 1

NFPA
Flammability: 2  Reactivity: 0  Health: 1

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW
WARNING! May cause eye and skin irritation. Combustible.
Form: Liquid  Color: Pale yellow  Odor: Mild

POTENTIAL HEALTH EFFECTS

INGESTION
May cause the following effects: - abdominal discomfort - nausea - vomiting

SKIN
May cause slight irritation. May cause the following effects: - discomfort - local redness

INHALATION
May cause the following effects: - respiratory tract irritation

EYES
May cause irritation. Causes the following effects: - discomfort - pain - excess blinking - tear production - marked excess redness of the conjunctivae - swelling of the conjunctivae

MEDICAL CONDITIONS AGGRAVATED
Skin contact may aggravate: - an existing dermatitis

SUBCHRONIC (TARGET ORGAN)
None known.

CHRONIC EFFECTS / CARCINOGENICITY
For additional information, please see Section 11, Toxicological Information.
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>Glycol Ether</td>
<td>Trade secret</td>
<td>5 - 10 %</td>
</tr>
<tr>
<td>Alcohol Ethoxylate</td>
<td>Trade secret</td>
<td>10 - 30 %</td>
</tr>
<tr>
<td>Aminosilicone Polyether Copolymer</td>
<td>Trade secret</td>
<td>60 - 90 %</td>
</tr>
<tr>
<td><strong>B. NON-HAZARDOUS</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>5 - 10 %</td>
</tr>
</tbody>
</table>

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**
Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Obtain medical attention. Wash contaminated clothing before re-use.

**INHALATION**
Remove to fresh air. If breathing has stopped, give artificial respiration. If breathing is difficult, oxygen may be given by qualified personnel. Obtain medical attention.

**EYES**
Immediately flush eyes with water and continue washing for at least 15 minutes. Obtain medical attention if symptoms persist.

**NOTE TO PHYSICIAN**
There is no specific antidote. Treatment is symptomatic and supportive.

5. FIRE-FIGHTING MEASURES

**FLASH POINT:** 79 °C; 174 °F. (estimated)
MAGNASOFT PRIME - SGS sample (250g)
Aminosilicone Polyether Copolymer Emulsion Concentrate

METHOD:
Pensky-Martens closed cup ASTM D 93

FLAMMABLE LIMITS IN AIR - LOWER (%): Not available
FLAMMABLE LIMITS IN AIR - UPPER (%): Not available

SENSITIVITY TO MECHANICAL IMPACT: No

SENSITIVITY TO STATIC DISCHARGE
Sensitivity to static discharge is expected; material has a flash point below 200 F.

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 breathing vapor, aerosol and mist. Avoid contact with skin and eyes. Keep away from children. Attention: Not for injection into humans. May generate formaldehyde at temperatures greater than 150 C (300 F). See Section 10 of MSDS for details.

STORAGE
Keep container closed. Store in original container.

FURTHER INFORMATION ON STORAGE CONDITIONS
No data available

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS
Use only in an area equipped with a safety shower.; Eye wash bottle with pure water; General (mechanical) room ventilation is expected to be satisfactory if handled at low temperatures or in
covered equipment.; Special, local ventilation is needed at points where vapors can be expected to escape to the workplace air.

RESPIRATORY PROTECTION
May be needed if product is used in a confined or poorly ventilated area. 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
Impermeable or chemical resistant gloves.

EYE AND FACE PROTECTION
Safety glasses with side-shields

OTHER PROTECTIVE EQUIPMENT
Wear suitable protective clothing and eye/face protection.

曝露指南

<table>
<thead>
<tr>
<th>组件</th>
<th>CAS RN</th>
<th>来源</th>
<th>值</th>
</tr>
</thead>
</table>

未找到值表示未找到

PEL - OSHA 可容许暴露限值; TLV - ACGIH 临界值限值; TWA - 时间加权平均值


9. 物理和化学性质

沸点 - °C & °F: > 150 °C; > 302 °F; Copolymer
蒸汽压力 (20 °C) (MM Hg): < 1
蒸汽密度 (AIR=1): > 1
冻结点: -30 °C; -22 °F
熔点: -30 °C; -22 °F
物理状态: 液
气味: 微弱
颜色: 浅黄色
蒸发速率 (丁基醋酸酯=1): < 1
密度: 1.006 g/cm3
挥发性有机物 (VOL): 未测定
可溶性在水中 (20 °C): 部分可溶
VOC EXCL. H2O & EXEMPTS (G/L): 114
10. STABILITY AND REACTIVITY

STABILITY
Stable.

HAZARDOUS POLYMERIZATION
Will not occur.

HAZARDOUS THERMAL DECOMPOSITION / COMBUSTION PRODUCTS
Burning can produce the following combustion products: Oxides of carbon.; Oxides of nitrogen.; Oxides of silicon.; Formaldehyde.; Carbon monoxide is highly toxic if inhaled; carbon dioxide in sufficient concentrations can act as an asphyxiant.; Acute overexposure to the products of combustion may result in irritation of the respiratory tract.; 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)

CONDITIONS TO AVOID
None known.

11. TOXICOLOGICAL INFORMATION

GENERAL
This product is not tested., However, the following data exist for the main component:

ACUTE ORAL
LD50; Species: Rat.; > 2,000 mg/kg; Method: OECD-Guideline No. 401; Remarks: Low order of toxicity

ACUTE DERMAL
LD50; Species: Rat.; > 2,000 mg/kg; Method: OECD-Guideline No. 402; Remarks: Low order of toxicity

OTHER
The following information is applicable to a component of this material:, This material was not mutagenic in an Ames bacterial assay., This material did not produce sensitization in guinea pigs.

SKIN IRRITATION

EYE IRRITATION
Species: Rabbit. ; Result: Mild irritation. Method: OECD-Guideline No. 405.

OTHER EFFECTS OF OVEREXPOSURE
No adverse effects anticipated from available information.
12. ECOLOGICAL INFORMATION

ECOTOXICOLOGY
All available ecological data have been taken into account for the development of the hazard and precautionary information contained in this Safety Data Sheet.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD
Disposal should be made in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

DOT SHIPPING NAME: Combustible liquid, n.o.s.(Aminosilicone polyether copolymer)
DOT HAZARD CLASS: CBL
DOT LABEL (S): NON
UN/NA NUMBER: NA 1993
PACKING GROUP: III

15. REGULATORY INFORMATION

Inventories
Australia Inventory of Chemical Substances (AICS) n (Negative listing)
Canada DSL Inventory n (Negative listing)
EU list of existing chemical substances y (Positive listing)
Japan Inventory of Existing & New Chemical Substances (ENCS) n (Negative listing)
China Inventory of Existing Chemical Substances y (Positive listing)
Korea Existing Chemicals Inventory (KECI) n (Negative listing)
Philippines Inventory of Chemicals and Chemical Substances (PICCS) n (Negative listing)
TSCA list y (Positive listing)
For inventories that are marked as quantity restricted or special cases, please contact Momentive.
Material Safety Data Sheet

MAGNASOFT PRIME - SGS sample (250g)
Aminosilicone Polyether Copolymer Emulsion Concentrate

US Regulatory Information

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

16. OTHER INFORMATION

OTHER
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.

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).