# SE851
# Polysiloxane Curing Compound

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Manufactured By:** **Waterford Plant**
**260 Hudson River Rd**
**Waterford NY 12188**
**Revised:** 08/07/2008
**Preparer:** PRODUCT STEWARDSHIP COMPLIANCE AND STANDARDS
**CHEMTREC** 1-800-424-9300

**Chemical Family/Use:** Catalyst
**Formula:** Mixture

**HMIS**

| | | | | | |
|---|---|---|---|---|---|
| Flammability: | 0 | Reactivity: | 0 | Health: | 0 |

**NFPA**

| | | | | | |
|---|---|---|---|---|---|
| Flammability: | 0 | Reactivity: | 0 | Health: | 1 |

## 2. HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW**
CAUTION! May cause eye irritation.
Form: solid Color: yellow Odor: strong

**POTENTIAL HEALTH EFFECTS**

**INGESTION**
No adverse effects are expected under normal conditions of use.

**SKIN**
Plant experience has shown that skin hazard is not applicable in this form.

**INHALATION**
No adverse effects are expected under normal conditions of use.

**EYES**
May cause mild eye irritation.

**MEDICAL CONDITIONS AGGRAVATED**
None known.

**SUBCHRONIC (TARGET ORGAN )**
None known.

**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**
None known.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| PRODUCT COMPOSITION | CAS REG NO. | WGT. % |
|---|---|---|
| **A. HAZARDOUS** | | |
| **B. NON-HAZARDOUS** | | |
| polyvinylsiloxane | 68083-19-2 | 30 - 60 % |
| Treated Fumed Silica | 68583-49-3 | 10 - 30 % |
| Dimethyl-methylvinyl silicone | 67762-94-1 | 10 - 30 % |
| Tetravinylcyclotetrasiloxane | 2554-06-5 | 1 - 5 % |

## 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**
Wash with soap and water. Get medical attention if irritation or symptoms from Section 3 develop.

**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:** > 204 ℃; 399 ℉
**METHOD:** open cup
**IGNITION TEMPERATURE:** not applicable

**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 eyes. Curing releases vapors which may be harmful. Ensure adequate ventilation. Keep container closed when not in use. Keep away from children.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**ENGINEERING CONTROLS**
Eyewash stations; Showers

**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 with side-shields conforming to EN166

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

**Exposure Guidelines**

| Component | CAS RN | Source | Value |
|---|---|---|---|

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

OSHA revoked the Final Rule Limits of January 19, 1989 in response to the 11th Circuit Court of Appeals decision (AFL-CIO v. OSHA) effective June 30, 1993. See 29 CFR 1910.1000 (58 FR 35338).

## 9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|---|
| **BOILING POINT - C & F:** | not applicable |
| **VAPOR PRESSURE (20 C) (MM HG):** | negligible |
| **VAPOR DENSITY (AIR=1):** | negligible |
| **FREEZING POINT:** | not applicable |
| **MELTING POINT:** | not applicable |
| **PHYSICAL STATE:** | solid |
| **ODOR:** | strong |
| **COLOR:** | yellow |
| **EVAPORATION RATE (BUTYL ACETATE=1):** | negligible |
| **SPECIFIC GRAVITY (WATER=1):** | ca. 1.15 |
| **DENSITY:** | ca. 1.15 g/cm3 |
| **ACID / ALKALINITY (MEQ/G):** | Unknown |
| **pH:** | not applicable |
| **VOLATILE ORGANIC CONTENT (VOL):** | < 1 %(m) |
| **SOLUBILITY IN WATER (20 C):** | insoluble |
| **SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT):** | Unknown |

## 10. STABILITY AND REACTIVITY

**STABILITY**
Stable

**HAZARDOUS POLYMERIZATION**
Will not occur.

**HAZARDOUS THERMAL DECOMPOSITION / COMBUSTION PRODUCTS**
Carbon monoxide; Carbon dioxide (CO2); Silicon dioxide.; formaldehyde; 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: None known.

**ACUTE DERMAL**
Remarks: None known.

**ACUTE INHALATION**
Remarks: Unknown

**OTHER**
None.

**SENSITIZATION**
not applicable

**SKIN IRRITATION**
not applicable

**EYE IRRITATION**
not applicable

**MUTAGENICITY**
Unknown

## 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) | |
| 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 (PICCS) | y (positive listing) | |
| TSCA list | y (positive listing) | On TSCA Inventory |
| EU list of existing chemical substances | 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**
No SARA Hazards

**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**

D2A - Very Toxic Material Causing Other Toxic Effects

## 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).