

**RTV615 440  
SILICONE POTTING COMPOUND****1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**Manufacturer Name:** Momentive performance material  
260 Hudson River Rd  
Waterford NY 12188

**Revised:** 06/13/2011  
**Prepared by** PRODUCT STEWARDSHIP COMPLIANCE AND STANDARDS  
**CHEMTREC** 1-800-424-9300

**Chemical Family/Use:** Silicone Elastomer  
**Formula:** Mixture

**HMIS**

FLAMMABILITY: 1      Reactivity: 0      Health: 0  
TY:

**NFPA**

Flammability: 1      Reactivity: 0      Health: 1

**2. HAZARDS IDENTIFICATION****EMERGENCY OVERVIEW**

CAUTION! May cause skin, eye, and respiratory tract irritation. This product may contain component(s) which could 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.

Attention: Not for injection into humans.

**Form:** Liquid

**Color:** Colorless

**Odor:** Faint

**POTENTIAL HEALTH EFFECTS****INGESTION**

Not an anticipated route of exposure.

**SKIN**

May cause skin irritation.

**MEDICAL CONDITIONS AGGRAVATED**

None known.

**SUBCHRONIC (TARGET ORGAN )**

None known.

**CHRONIC EFFECTS / CARCINOGENICITY**

No data available.

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Inhalation

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| <u>PRODUCT COMPOSITION</u>     | <u>CAS-No.</u> | <u>WGT. %</u> |
|--------------------------------|----------------|---------------|
| <b><u>A. HAZARDOUS</u></b>     |                |               |
| Ethylbenzene                   | 100-41-4       | 0.1 - 1 %     |
| <b><u>B. NON-HAZARDOUS</u></b> |                |               |
| polyvinylsiloxane              | 68083-19-2     | 60 - 100 %    |
| Polyalkylalkenylsiloxane       | 68584-83-8     | 10 - 30 %     |

**4. FIRST AID MEASURES****INGESTION**

If swallowed, do NOT induce vomiting. Give a glass of water. Do not give victim anything to drink if he is unconscious. Get medical attention.

**SKIN**

Wash with soap 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 with eyes, rinse immediately with plenty of water and seek medical advice.

**5. FIRE-FIGHTING MEASURES****FLASH POINT:**

&gt; 121 °C; 250 °F

**IGNITION TEMPERATURE:**

Not applicable

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**FLAMMABLE LIMITS LEL:** No data available.  
**FLAMMABLE LIMITS UEL:** 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**  
Firefighters must wear NIOSH/MSHA approved positive pressure self-contained breathing apparatus with full face mask and full protective clothing.

**FURTHER INFORMATION**  
Use standard firefighting procedures and consider the hazards of other involved materials.

**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**  
Keep container closed. Avoid contact with eyes, skin, and clothing. Keep out of reach of children.

**STORAGE**  
Keep container closed.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**ENGINEERING CONTROLS**  
Eye wash facilities and emergency shower must be available when handling this product.

**RESPIRATORY PROTECTION**  
If exposure limits are exceeded or respiratory irritation is experienced, NIOSH/MSHA approved

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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**

Rubber gloves are recommended.

**EYE AND FACE PROTECTION**

Safety glasses with side shields

**OTHER PROTECTIVE EQUIPMENT**

Wear suitable protective clothing and eye/face protection.

**Exposure Guidelines**

| <b>Component</b> | <b>CAS-No.</b> | <b>Source</b> | <b>Value</b> |
|------------------|----------------|---------------|--------------|
|------------------|----------------|---------------|--------------|

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**

|   |                            |
|---|----------------------------|
| <b>BOILING POINT (°C):</b>                            | >260 °C; 500 °F            |
| <b>VAPOR PRESSURE:</b>                                | Negligible                 |
| <b>VAPOR DENSITY (AIR=1):</b>                         | 1.0                        |
| <b>FREEZING POINT:</b>                                | Not applicable             |
| <b>PHYSICAL STATE:</b>                                | Liquid                     |
| <b>ODOR:</b>  | Faint                      |
| <b>Color:</b>   | Colorless                  |
| <b>EVAPORATION RATE (BUTYL ACETATE=1):</b>            | < 1                        |
| <b>SPECIFIC GRAVITY:</b>                              | ca. 0.99                   |
| <b>DENSITY:</b>                                       | ca. 0.99 g/cm <sup>3</sup> |
| <b>ACID / ALKALINITY (MEQ/G):</b>                     | No data available.         |
| <b>pH:</b>  | No data available.         |
| <b>SOLUBILITY IN WATER (20 C):</b>                    | Insoluble                  |
| <b>SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT):</b> | Toluene                    |
| <b>VOC EXCL. H<sub>2</sub>O &amp; EXEMPTS (G/L):</b>  | 137 g/l                    |

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**10. STABILITY AND REACTIVITY****STABILITY**

Stable

**HAZARDOUS POLYMERIZATION.**

Hazardous polymerisation does not occur.

**HAZARDOUS THERMAL DECOMPOSITION / COMBUSTION PRODUCTS**

Carbon Monoxide.; Carbon dioxide; 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.

**11. TOXICOLOGICAL INFORMATION****ACUTE ORAL**

Remarks: No data available.

**ACUTE DERMAL**

Remarks: No data available.

**ACUTE INHALATION**

Remarks: No data available.

**OTHER**

None.

**SENSITIZATION**

No data available.

**SKIN IRRITATION.**

No data available.

**EYE IRRITATION**

No data available.

**MUTAGENICITY**

No data available.

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No data available.

**DISTRIBUTION**

No data available.

**CHEMICAL FATE**

No data available.

**13. DISPOSAL CONSIDERATIONS****DISPOSAL METHODS**

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)    |                   |
| Japan Inventory of Existing & New Chemical Substances (ENCS)       | q (quantity restricted) |                   |
| 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)    | On TSCA Inventory |

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

**US Regulatory Information**

CERCLA Reportable quantity: 125000 lbs

**PRODUCT COMPOSITION**

Chemical

**CERCLA Reportable Quantity****SARA (311,312) HAZARD CLASS**

No SARA Hazards

**SARA (313) CHEMICALS****CALIFORNIA PROPOSITION 65**

100-41-4, Ethylbenzene. 71-43-2, Benzene. 108-88-3, Toluene.

**Canadian Regulatory Information****WHMIS CLASSIFICATION**

- This is not a WHMIS controlled product.

**Other****SCHDLE B/HTSUS:**

3910.00.0000 Silicones in primary forms

**ECCN:**

EAR99

**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



**MATERIAL SAFETY DATA  
SHEET**

Version: 1.8  
06/13/2011

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By-product= reaction by-product, TSCA inventory status not required under 40 CFR part 720.30(h-2).