



**RTV630 001-KIT(1.0 Lbs-0.454 Kg)**  
**Silicone Moldmaking Material - Component B**

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

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

**Revised:** 05/13/2008  
**Preparer:** PRODUCT STEWARDSHIP COMPLIANCE AND STANDARDS  
**CHEMTREC** 1-800-424-9300

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

**HMIS**

Flammability: 1      Reactivity: 1      Health: 0

**NFPA**

Flammability: 1      Reactivity: 1      Health: 1

**2. HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

CAUTION! Product generates flammable gas on contact with acids, bases or oxidizing substances. May cause irritation of skin and eyes.

Form: Liquid      Color: Blue      Odor: Slight

**POTENTIAL HEALTH EFFECTS**

**INGESTION**

None known.

**SKIN**

May cause mild skin irritation.

**INHALATION**

None known.

**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.



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**ROUTES OF EXPOSURE**

None known.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

**PRODUCT COMPOSITION**

**CAS REG NO.**

**WGT. %**

**A. HAZARDOUS**

**B. NON-HAZARDOUS**

METHYLHYDROGENPOLYSILOXANE	68988-57-8	30 - 60 %
polyvinylsiloxane	68083-19-2	30 - 60 %
Polyalkylalkenylsiloxane	68584-83-8	10 - 30 %

**4. FIRST AID MEASURES**

**INGESTION**

Rinse mouth with water several times. Obtain medical attention.

**SKIN**

After contact with skin, remove product mechanically. Wash off with soap and water.

**INHALATION**

None known.

**EYES**

Immediately flush eye(s) with plenty of water. If eye irritation persists, consult a specialist.

**NOTE TO PHYSICIAN**

None known.

**5. FIRE-FIGHTING MEASURES**

**FLASH POINT:**

> 100 °C; 212 °F

**FLAMMABLE LIMITS IN AIR - LOWER (%):**

Not applicable

**FLAMMABLE LIMITS IN AIR - UPPER (%):**

Not applicable

**SENSITIVITY TO MECHANICAL IMPACT:**

No



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**EXTINGUISHING MEDIA**

Carbon dioxide (CO<sub>2</sub>), Foam, Water spray, Dry powder

**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**

Standard procedure for chemical fires.

**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. Wear proper protective equipment as specified in the protective equipment section.

**7. HANDLING AND STORAGE**

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE**

Use personal protective equipment. Avoid contact with skin, eyes and clothing. Keep container closed when not in use to prevent contact with acidic, basic, or oxidizing materials, and metallic catalysts like tin soaps and noble metals (Pt, Rh, etc.).

**STORAGE**

Store away from heat, sources of ignition, and incompatibles.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**ENGINEERING CONTROLS**

Eyewash stations

**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**

Protective gloves



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**EYE AND FACE PROTECTION**

Safety glasses with side-shields

**OTHER PROTECTIVE EQUIPMENT**

Lightweight protective clothing

**Exposure Guidelines**

<u>Component</u>	<u>CAS RN</u>	<u>Source</u>	<u>Value</u>
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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 &amp; F:</b>	>300 °C; 572 °F
<b>VAPOR PRESSURE (20 C) (MM HG):</b>	No data available
<b>VAPOR DENSITY (AIR=1):</b>	No data available
<b>FREEZING POINT:</b>	No data available
<b>MELTING POINT:</b>	No data available
<b>PHYSICAL STATE:</b>	Liquid
<b>ODOR:</b>	Slight
<b>COLOR:</b>	Blue
<b>EVAPORATION RATE (BUTYL ACETATE=1):</b>	Unknown
<b>SPECIFIC GRAVITY (WATER=1):</b>	ca. 1.02
<b>DENSITY:</b>	ca. 1.02 g/cm <sup>3</sup>
<b>ACID / ALKALINITY (MEQ/G):</b>	No data available
<b>pH:</b>	N/A
<b>VOLATILE ORGANIC CONTENT (VOL):</b>	No data available
<b>SOLUBILITY IN WATER (20 C):</b>	Insoluble
<b>SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT):</b>	Soluble in toluene
<b>VOC EXCL. H<sub>2</sub>O &amp; EXEMPTS (G/L):</b>	ca. 5

**10. STABILITY AND REACTIVITY**

**STABILITY**

Stable

**HAZARDOUS POLYMERIZATION**

Will not occur



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**HAZARDOUS THERMAL DECOMPOSITION / COMBUSTION PRODUCTS**

Flammable hydrogen gas.; Carbon dioxide (CO<sub>2</sub>); Carbon monoxide; Formaldehyde; Silicon dioxide.; 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)**

Avoid contact with acidic, basic, or oxidizing agents, and metallic catalysts like tin soaps and noble metals (Pt, Rh, etc.).

**CONDITIONS TO AVOID**

Avoid contact with acids, bases, or oxidizing agents. Product generates flammable gas on contact with acids, bases or oxidizing substances.

**11. TOXICOLOGICAL INFORMATION**

**ACUTE ORAL**

Remarks: None known.

**ACUTE DERMAL**

Remarks: None known.

**ACUTE INHALATION**

Remarks: Unknown

**OTHER**

None.

**MUTAGENICITY**

Unknown

**12. ECOLOGICAL INFORMATION**

**CHEMICAL FATE**

No data available

**13. DISPOSAL CONSIDERATIONS**

**DISPOSAL METHOD**

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



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**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)	
Canada NDSL Inventory	n (Negative 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**

Warning! This product contains a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.  
71-43-2, Benzene. 108-88-3, Toluene.

**Canadian Regulatory Information**



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**WHMIS HAZARD CLASS**  
D2A VERY TOXIC MATERIALS

**Other**

**SCHDLE B/HTSUS:** 3910.00 Silicones in Primary Form

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