



**RTV11 001-KIT (1.0 Lbs-0.454 Kg)**  
**SILICONE RUBBER COMPOUND**

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

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

**Revised:** 06/16/2008  
**Preparer:** PRODUCT STEWARDSHIP COMPLIANCE AND STANDARDS  
**CHEMTREC** 1-800-424-9300

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

**HMIS**

Flammability: 1      Reactivity: 0      Health: 1

**NFPA**

Flammability: 1      Reactivity: 0      Health: 1

**2. HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

CAUTION! May be harmful if swallowed. May cause eye irritation. Attention: Not for injection into humans.  
Form: Liquid      Color: White      Odor: Slight

**POTENTIAL HEALTH EFFECTS**

**INGESTION**

May be harmful if swallowed.

**SKIN**

Skin irritation is possible after contact with the uncured product.

**INHALATION**

None known.

**EYES**

May cause eye irritation.

**MEDICAL CONDITIONS AGGRAVATED**

None known.

**SUBCHRONIC (TARGET ORGAN )**

Respiratory system; Liver and kidney damage.

**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**

Dermal

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

<u>PRODUCT COMPOSITION</u>	<u>CAS REG NO.</u>	<u>WGT. %</u>
<b><u>A. HAZARDOUS</u></b>		
ETHYL SILICATE 40	11099-06-2	1 - 5 %
<b><u>B. NON-HAZARDOUS</u></b>		
Dimethylpolysiloxane	70131-67-8	60 - 100 %
Limestone	471-34-1	10 - 30 %

**4. FIRST AID MEASURES**

**INGESTION**

None known.

**SKIN**

Wash off with soap and water.

**INHALATION**

None known.

**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**

None known.

**5. FIRE-FIGHTING MEASURES**

<b>FLASH POINT:</b>	ca. 298 °C; 568 °F
<b>METHOD:</b>	open cup
<b>IGNITION TEMPERATURE:</b>	Not applicable
<b>FLAMMABLE LIMITS IN AIR - LOWER (%):</b>	Not applicable
<b>FLAMMABLE LIMITS IN AIR - UPPER (%):</b>	Not applicable



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**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 inhalation of vapour or mist. Avoid contact with skin and eyes. Use only in well-ventilated areas.

**STORAGE**  
Keep container tightly closed. Keep out of the reach of children.

## **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**ENGINEERING CONTROLS**  
Eyewash stations; Use only in well-ventilated areas.

**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**  
Impermeable or chemical resistant gloves.



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**EYE AND FACE PROTECTION**

Safety glasses

**OTHER PROTECTIVE EQUIPMENT**

None known.

**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>	No data available
<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>	White
<b>EVAPORATION RATE (BUTYL ACETATE=1):</b>	> 1
<b>SPECIFIC GRAVITY (WATER=1):</b>	ca. 1.2
<b>DENSITY:</b>	ca. 1.2 g/cm <sup>3</sup>
<b>ACID / ALKALINITY (MEQ/G):</b>	No data available
<b>pH:</b>	Not applicable
<b>VOLATILE ORGANIC CONTENT (VOL):</b>	2 %(m)
<b>SOLUBILITY IN WATER (20 C):</b>	Insoluble
<b>SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT):</b>	Soluble in toluene XYLENE
<b>VOC EXCL. H2O &amp; EXEMPTS (G/L):</b>	< 6

**10. STABILITY AND REACTIVITY**

**STABILITY**

Stable

**HAZARDOUS POLYMERIZATION**

Will not occur



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**HAZARDOUS THERMAL DECOMPOSITION / COMBUSTION PRODUCTS**

Carbon dioxide (CO<sub>2</sub>); Carbon monoxide; 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: Unknown

**ACUTE DERMAL**

Remarks: Unknown

**ACUTE INHALATION**

Remarks: Unknown

**OTHER**

None.

**SENSITIZATION**

No data available

**SKIN IRRITATION**

No data available

**EYE IRRITATION**

No data available

**MUTAGENICITY**

Unknown

**12. ECOLOGICAL INFORMATION**

**ECOTOXICITY**



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No data 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)	
EU list of existing chemical substances	y (Positive listing)	
Canada NDSL Inventory	n (Negative listing)	
TSCA list	y (Positive listing)	On TSCA Inventory

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



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**US Regulatory Information**

**SARA (311,312) HAZARD CLASS**

Acute Health Hazard; Chronic Health Hazard No SARA Hazards

**SARA (313) CHEMICALS**

**CALIFORNIA PROPOSITION 65**

WARNING! This product contains a chemical known in the State of California to cause cancer.  
64-17-5, Ethanol.

**Canadian Regulatory Information**

**WHMIS HAZARD CLASS**

D2B - Toxic Material Causing Other Toxic Effects

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