



**RAPIDSTRENGTH RGS7705A 55F(500LB-227KG)  
Siicone Rubber Sealant - Component A**

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

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

**Revised:** 09/13/2007

**Preparer:** PRODUCT STEWARDSHIP COMPLIANCE AND STANDARDS

**CHEMTREC** 1-800-424-9300

**Chemical Family/Use:**

**Formula:** Mixture

**HMIS**

Flammability: 0      Reactivity: 0      Health: 1

**NFPA**

Flammability: 1      Reactivity: 0      Health: 1

**2. HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

CAUTION! May cause eye irritation. May generate formaldehyde at temperatures greater than 150 C (300 F). See Section 10 of MSDS for details.

Form: Liquid      Color: beige      Odor: odourless

**POTENTIAL HEALTH EFFECTS**

**INGESTION**

None known.

**SKIN**

None known.

**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**

<u>PRODUCT COMPOSITION</u>	<u>CAS REG NO.</u>	<u>WGT. %</u>
<b><u>A. HAZARDOUS</u></b>		
Stearic Acid	57-11-4	< 1 %
<b><u>B. NON-HAZARDOUS</u></b>		
dimethylpolysiloxane	70131-67-8	30 - 60 %
Polydimethylsiloxane	63148-62-9	10 - 30 %
Limestone	471-34-1	5 - 10 %
Titanium Dioxide	13463-67-7	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.



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**5. FIRE-FIGHTING MEASURES**

**FLASH POINT:** 125 °C; 257 °F  
**METHOD:** closed cup  
**IGNITION TEMPERATURE:** Not applicable  
**FLAMMABLE LIMITS IN AIR - LOWER (%):** No data available  
**FLAMMABLE LIMITS IN AIR - UPPER (%):** 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.none

**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 away from children. Store away from heat, sources of ignition, and incompatibles. Keep container closed when not in use.

**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



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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**

Cloth gloves.

**EYE AND FACE PROTECTION**

Safety glasses

**OTHER PROTECTIVE EQUIPMENT**

Wear suitable protective clothing and eye/face protection.

**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

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>	Negligible
<b>VAPOR DENSITY (AIR=1):</b>	Negligible
<b>FREEZING POINT:</b>	Not applicable
<b>MELTING POINT:</b>	Not applicable
<b>PHYSICAL STATE:</b>	Liquid
<b>ODOR:</b>	odourless
<b>COLOR:</b>	beige
<b>EVAPORATION RATE (BUTYL ACETATE=1):</b>	Not applicable
<b>SPECIFIC GRAVITY (WATER=1):</b>	1.373
<b>DENSITY:</b>	ca. 1.373 g/cm3
<b>ACID / ALKALINITY (MEQ/G):</b>	Not applicable
<b>pH:</b>	No data available
<b>VOLATILE ORGANIC CONTENT (VOL):</b>	0.4 %(m)
<b>SOLUBILITY IN WATER (20 C):</b>	Insoluble
<b>SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT):</b>	Toluene
<b>VOC EXCL. H2O &amp; EXEMPTS (G/L):</b>	6



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**10. STABILITY AND REACTIVITY**

**STABILITY**

Stable

**HAZARDOUS POLYMERIZATION**

Will not occur.

**HAZARDOUS THERMAL DECOMPOSITION / COMBUSTION PRODUCTS**

Carbon monoxide; Carbon dioxide (CO<sub>2</sub>); Silicon dioxide.; Formaldehyde; Ethanol

**INCOMPATIBILITY (MATERIALS TO AVOID)**

None known.

**CONDITIONS TO AVOID**

None known.

**11. TOXICOLOGICAL INFORMATION**

**ACUTE ORAL**

Remarks: No data available

**ACUTE DERMAL**

Remarks: No data available

**ACUTE INHALATION**

Remarks: No data available

**OTHER**

No data available

**SENSITIZATION**

No data available

**SKIN IRRITATION**

No data available

**EYE IRRITATION**

No data available

**MUTAGENICITY**

Unknown

**OTHER EFFECTS OF OVEREXPOSURE**

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.



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**12. ECOLOGICAL INFORMATION**

**ECOTOXICITY**

Ecotoxicological data for this product is not 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)
Korea Existing Chemicals Inventory (KECI)	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)
Japan Inventory of Existing & New Chemical Substances (ENCS)	y (Positive listing)
China Inventory of Existing Chemical Substances	y (Positive listing)



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TSCA list y (Positive listing) On TSCA Inventory  
For inventories that are marked as quantity restricted or special cases, please contact Momentive.

**US Regulatory Information**

**CERCLA**

**PRODUCT COMPOSITION**

**Chemical**

**CERCLA Reportable Quantity**

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

Acute Health Hazard

**SARA (313) CHEMICALS**

**Canadian Regulatory Information**

**WHMIS HAZARD CLASS**

D2A VERY TOXIC MATERIALS

**Other**

**SCHDLE B/HTSUS:** 3214.10.0010 Mastics based on rubber

**ECCN:** EAR99

**CALIFORNIA PROPOSITION 65**

This product does not contain any chemicals known to State of California to cause cancer, birth, or any other reproductive defects.

**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).