

**RapidStrength RGS7700B 5GP  
Silicone Rubber Sealant - Component B**

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

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

**Revised:** 04/22/2009  
**Preparer:** PRODUCT STEWARDSHIP COMPLIANCE AND STANDARDS  
**CHEMTREC** 1-800-424-9300

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

**HMIS**

Flammability: 1      Reactivity: 1      Health: 3

**NFPA**

Flammability: 1      Reactivity: 1      Health: 3

**2. HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

WARNING! Harmful if swallowed or inhaled. May cause sensitization by inhalation and skin contact. May cause severe eye irritation. May cause severe skin irritation. May cause adverse liver, kidney, and CNS effects. May cause adverse reproductive effects. Adverse reproductive effects reported in animals.

Form: liquid      Form: paste      Color: black      Odor: AMINO ODOR

**POTENTIAL HEALTH EFFECTS**

**INGESTION**

Liver and kidney injuries may occur. Harmful if swallowed. Causes vomiting, nausea, and diarrhea. Irritation of the mouth, throat, and stomach.

**SKIN**

Harmful if absorbed through the skin. May cause severe skin irritation. May cause skin burns. Skin absorption may cause kidney damage. This product contains ingredients which may produce an allergic skin reaction. It should be treated as a skin sensitizer.

**INHALATION**

Harmful if inhaled. Causes irritation of the mouth, nose, and throat. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting. May cause damage to nasal and respiratory passages.

**EYES**

Causes severe eye irritation may damage tissue. May cause permanent eye damage. May cause corneal injury.

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**MEDICAL CONDITIONS AGGRAVATED**

Respiratory disorder Pre-existing liver or kidney disorders. Skin disorders.

**SUBCHRONIC (TARGET ORGAN )**

Respiratory disorder; Dermatitis; 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.

**ROUTES OF EXPOSURE**

Inhalation; Dermal; Eyes

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**PRODUCT COMPOSITION**

**CAS REG NO.**

**WGT. %**

**A. HAZARDOUS**

Aminoethyl aminopropyl trimethoxy silane	1760-24-3	10 - 30 %
Tris(3(trimethoxysilyl)propyl)isocyanurate	26115-70-8	1 - 5 %
Siloxane & Silane Esters	-	1 - 5 %
tetra-n-propyl orthosilicate	682-01-9	10 - 30 %

**B. NON-HAZARDOUS**

Polydimethylsiloxane	63148-62-9	30 - 60 %
Treated Fumed Silica	68583-49-3	10 - 30 %

**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**

In case of contact, immediately flush skin with plenty of soap and water for at least 15 minutes. Get medical attention.

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### **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, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.

### **NOTE TO PHYSICIAN**

None known.

## **5. FIRE-FIGHTING MEASURES**

<b>FLASH POINT:</b>	ca. 116 °C; 241 °F
<b>METHOD:</b>	open cup
<b>IGNITION TEMPERATURE:</b>	Unknown
<b>FLAMMABLE LIMITS IN AIR - LOWER (%):</b>	not applicable
<b>FLAMMABLE LIMITS IN AIR - UPPER (%):</b>	not applicable

**SENSITIVITY TO MECHANICAL IMPACT:** No

### **SENSITIVITY TO STATIC DISCHARGE**

Sensitivity to static discharge is not expected.

### **EXTINGUISHING MEDIA**

Foam, Carbon dioxide (CO<sub>2</sub>), Dry chemical

### **SPECIAL FIRE FIGHTING PROCEDURES**

Wear suitable protective equipment., Positive-pressure self-contained breathing apparatus.

## **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. Warn other workers of spill. Increase area ventilation. Person not trained should evacuate area.

## **7. HANDLING AND STORAGE**

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

Avoid contact with skin and eyes. Use only in well-ventilated areas. Keep container closed when not in use to prevent contact with acidic, basic or oxidizing materials. Good hygienic practices should be

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observed. Work clothes should be washed separately at the end of each work day. Disposable clothing should be discarded with material.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**ENGINEERING CONTROLS**

Use only in well-ventilated areas.; Eyewash stations; Showers; Exhaust ventilation

**RESPIRATORY PROTECTION**

Use only in well-ventilated areas.

**PROTECTIVE GLOVES**

Rubber or plastics gloves

**EYE AND FACE PROTECTION**

Monogoggles

**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; 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>	not applicable
<b>VAPOR PRESSURE (20 C) (MM HG):</b>	not applicable
<b>VAPOR DENSITY (AIR=1):</b>	no data available
<b>FREEZING POINT:</b>	not applicable
<b>PHYSICAL STATE:</b>	liquidpaste
<b>ODOR:</b>	AMINO ODOR
<b>COLOR:</b>	black
<b>EVAPORATION RATE (BUTYL ACETATE=1):</b>	Unknown
<b>SPECIFIC GRAVITY (WATER=1):</b>	ca. 1.0
<b>DENSITY:</b>	ca. 1 g/cm3
<b>ACID / ALKALINITY (MEQ/G):</b>	not applicable
<b>pH:</b>	not applicable



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<b>VOLATILE ORGANIC CONTENT (VOL):</b>	14 %(m)
<b>SOLUBILITY IN WATER (20 C):</b>	insoluble
<b>SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT):</b>	partly soluble
<b>VOC EXCL. H2O &amp; EXEMPTS (G/L):</b>	145

**10. STABILITY AND REACTIVITY**

**STABILITY**

Stable

**HAZARDOUS POLYMERIZATION**

Will not occur.

**HAZARDOUS THERMAL DECOMPOSITION / COMBUSTION PRODUCTS**

Carbon dioxide (CO<sub>2</sub>); Carbon monoxide; Silicon dioxide.; nitrogen oxides (NO<sub>x</sub>); Amines; Ethanol; formaldehyde

**INCOMPATIBILITY (MATERIALS TO AVOID)**

Reacts with water forming ethanol. Avoid contact with acids, bases, or oxidizing agents.

**CONDITIONS TO AVOID**

Keep away from heat and sources of ignition. Keep away from any contact with water.

**11. TOXICOLOGICAL INFORMATION**

**ACUTE ORAL**

Remarks: Unknown

**ACUTE DERMAL**

Remarks: Unknown

**ACUTE INHALATION**

Remarks: Unknown

**OTHER**

Contains dibutyl tin dilaurate which may cause birth defects and reproductive effects based on animal data.

**SENSITIZATION**

no data available

**SKIN IRRITATION**

Irritating to skin.



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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)	
TSCA list	y (positive listing)	On TSCA Inventory
EU list of existing chemical substances	y (positive listing)	
Canada NDSL Inventory	n (Negative listing)	
China Inventory of Existing Chemical Substances	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**

Acute Health Hazard; Chronic Health Hazard

**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**

D2B - Toxic Material Causing Other Toxic Effects  
D2A - Very Toxic Material Causing Other Toxic Effects

**16. OTHER INFORMATION**

**OTHER**

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)., 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



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## **Material Safety Data Sheet**

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intended use and determine whether they are appropriate.