



GE Silicones

MATERIAL SAFETY DATA SHEET

RTV 615 A+B - kit (5l-4.54kg)

Trade Name **SILICONE POTTING COMPOUND**

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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

Revised: 04/15/2004
Preparer: PRODUCT STEWARDSHIP COMPLIANCE AND STANDARDS
Chemical Family/Use: Silicone Elastomer
Formula: Mixture
CHEMTREC 1-800-424-9300

HMIS

Flammability	1	REACTIVITY	0	Health	0
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NFPA

Flammability	1	REACTIVITY	0	Health	1
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2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>PRODUCT COMPOSITION</u>	<u>CAS REG NO.</u>	<u>WGT. %</u>
<u>A. HAZARDOUS</u>		
Benzene	71-43-2	0.0001
Toluene	108-88-3	0.0001
<u>B. NON-HAZARDOUS</u>		
VINYLPOLYDIMETHYLSILOXANE	68083-19-2	60 - 90 %
Vinyl containing resin	68584-83-8	10 - 30 %

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

CAUTION! May cause skin, eye, and respiratory tract irritation. May generate formaldehyde at temperatures greater than 150 C(300 F). See Section 3 of MSDS for details.
 liquid Translucent slight



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POTENTIAL HEALTH EFFECTS

INGESTION

None known.

SKIN

Skin contact may cause irritation.

INHALATION

Causes irritation of the mouth, nose, and throat.

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 0.1% or more is NOT listed as a carcinogen or suspected carcinogen by NTP, IARC, or OSHA.

ROUTES OF EXPOSURE

dermalEyesInhalation

OTHER

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. An MSDS for formaldehyde is available from GE Silicones.

4. FIRST AID MEASURES

INGESTION

Do not induce vomiting. Drink 1 or 2 glasses of water. If symptoms persist, call a physician. 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.



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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, 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

FLASH POINT >121 °C 249.80 °F

METHOD:

IGNITION TEMPERATURE

NA

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.

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



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STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Avoid contact with skin and eyes. Keep away from children.

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 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

EYE AND FACE PROTECTION

safety glasses with side-shields

OTHER PROTECTIVE EQUIPMENT

Wear suitable protective clothing and eye/face protection.

Exposure Guidelines

<u>Chemical</u>	<u>CAS REG NO.</u>	<u>ACGIH</u>	<u>OSHA</u>	<u>Supplier</u>
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9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT - C & F	>260 °C 500 °F
VAPOR PRESSURE (20 C) (MM HG)	Negligible
VAPOR DENSITY (AIR=1)	1.0
FREEZING POINT	NA
MELTING POINT	NA
PHYSICAL STATE	liquid
ODOR	slight
COLOR	Translucent
EVAPORATION RATE (BUTYL ACETATE=1)	< 1



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SPECIFIC GRAVITY (WATER=1)	ca. 0.99
DENSITY (KG/M3)	ca. 990 KG/M3
ACID / ALKALINITY (MEQ/G)	Unknown
pH	no data available
VOLATILE ORGANIC CONTENT (VOL)	
SOLUBILITY IN WATER (20 C)	insoluble
SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT)	Toluene
VOC EXCL. H2O & EXEMPTS (G/L)	

10. STABILITY AND REACTIVITY

STABILITY

Stable

HAZARDOUS POLYMERIZATION

Will not occur

HAZARDOUS THERMAL DECOMPOSITION / COMBUSTION PRODUCTS

Carbon monoxidecarbon dioxide (CO2)Silicon dioxide.formaldehyde

INCOMPATIBILITY (MATERIALS TO AVOID)

None known.

CONDITIONS TO AVOID

None known.

11. TOXICOLOGICAL INFORMATION

ACUTE ORAL

Unknown

ACUTE DERMAL

Unknown

ACUTE INHALATION

Unknown

OTHER:

None



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SENSITIZATION

no data available

SKIN IRRITATION

no data available

EYE IRRITATION

no data available

MUTAGENICITY

Unknown

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGY

no data available

CHEMICAL FATE

no data available

DISTRIBUTION

no data available

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD

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

14. TRANSPORT INFORMATION

Not Regulated if Section is Blank



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15. REGULATORY INFORMATION

US Regulatory Information

CERCLA
PRODUCT COMPOSITION **Chemical** **CERCLA Reportable Quantity**

CLEAN AIR ACT

CLEAN WATER ACT

SARA SECTION 302

SARA (311,312) HAZARD CLASS
No SARA Hazards

SARA (313) CHEMICALS

Canadian Regulatory Information

WHMIS HAZARD CLASS
NON-CONTROLLED

OTHER:

SCHDLE B/HTSUS

ECCN:

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

16. OTHER INFORMATION



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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 By-product = reaction by-product; TSCA inventory status not required under 40 CFR part 720.30(h-2) SKN = skin TS = trade secret R = recommended MST = mist ST = short term exposure limit NT = not tested ppm = parts per million ppb = parts per billion