



GE Silicones

MATERIAL SAFETY DATA SHEET

SSG4400A 55G-Drum (585.0LBS-265.59KG)

Trade Name

Silicone Rubber Compound - Component A

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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

Revised: 03/25/2004
Preparer: PRODUCT STEWARDSHIP COMPLIANCE AND STANDARDS
Chemical Family/Use: Silicone Fluid
Formula: Mixture
CHEMTREC 1-800-424-9300

HMIS

Flammability	0	REACTIVITY	0	Health	1
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NFPA

Flammability	0	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>		
<u>B. NON-HAZARDOUS</u>		
Dimethylpolysiloxane	70131-67-8	30 - 60 %
CALCIUM CARBONATE	471-34-1	10 - 30 %
Calcium carbonate	1317-65-3	10 - 30 %

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

CAUTION! May cause eye irritation. Attention: Not for injection into humans. May generate formaldehyde at temperatures greater than 150 C(300 F). See Section 3 of MSDS for details.
solid white none

POTENTIAL HEALTH EFFECTS

INGESTION



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

ROUTES OF EXPOSURE

None known.

OTHER

Attention: Not for injection into humans. 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. If victim is conscious, give 1-3 glasses of water to drink. Never give anything by mouth to an unconscious person. Get medical attention if irritation persists.

SKIN

Wash with soap and water. Get medical attention if irritation or symptoms from Section 3 develop.

INHALATION



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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

142.2 °C 287.60 °F

METHOD:

PMCC

IGNITION TEMPERATURE

FLAMMABLE LIMITS IN AIR - LOWER (%)

NA

FLAMMABLE LIMITS IN AIR - UPPER (%)

NA

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

STORAGE



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

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Keep container closed when not in use. Avoid contact with skin and eyes. Keep away from 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

Rubber or plastics gloves

EYE AND FACE PROTECTION

safety glasses

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	NA
VAPOR PRESSURE (20 C) (MM HG)	
VAPOR DENSITY (AIR=1)	
FREEZING POINT	< -40 °C 40- °F
MELTING POINT	< -40 °C 40- °F
PHYSICAL STATE	solid
ODOR	none
COLOR	white
EVAPORATION RATE (BUTYL ACETATE=1)	
SPECIFIC GRAVITY (WATER=1)	ca. 1.4



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DENSITY (KG/M3)	ca. 1,400 KG/M3
ACID / ALKALINITY (MEQ/G)	
pH	NA
VOLATILE ORGANIC CONTENT (VOL)	
SOLUBILITY IN WATER (20 C)	insoluble
SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT)	Hexanes
VOC EXCL. H2O & EXEMPTS (G/L)	ca.7

10. STABILITY AND REACTIVITY

STABILITY

Stable

HAZARDOUS POLYMERIZATION

Will not occur

HAZARDOUS THERMAL DECOMPOSITION / COMBUSTION PRODUCTS

carbon dioxide (CO₂)Carbon monoxideSilicon dioxide.formaldehyde

INCOMPATIBILITY (MATERIALS TO AVOID)

oxidizing agents

CONDITIONS TO AVOID

None known.

11. TOXICOLOGICAL INFORMATION

ACUTE ORAL

Unknown

ACUTE DERMAL

Unknown

ACUTE INHALATION

Unknown

OTHER:

None

SENSITIZATION



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SKIN IRRITATION

EYE IRRITATION

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

15. REGULATORY INFORMATION



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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

3214.10.00.10 Mastic based on rubber

ECCN:

EAR99

CALIFORNIA PROPOSITION 65

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

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



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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