



## GE Silicones

### MATERIAL SAFETY DATA SHEET

SCS1002 12C-Crtrg (0.730 Lbs-0.331 Kg)

Trade Name                      Silicone Rubber Sealant

#### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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

**Revised:**                                      01/27/2004  
**Preparer:**                                    PRODUCT STEWARDSHIP COMPLIANCE AND STANDARDS  
**Chemical Family/Use:**                    Sealant  
**Formula:**                                    Mixture  
**CHEMTREC**                                    1-800-424-9300

#### HMIS

FLAMMABILITY	0	REACTIVITY	0	HEALTH	2
--------------	---	------------	---	--------	---

#### NFPA

FLAMMABILITY	0	REACTIVITY	0	HEALTH	2
--------------	---	------------	---	--------	---

#### 2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>PRODUCT COMPOSITION</u>	<u>CAS REG NO.</u>	<u>WGT. %</u>
<b><u>A. HAZARDOUS</u></b>		
Methyltriacetoxysilane	4253-34-3	1 - 5 %
Octamethylcyclotetrasiloxane	556-67-2	1 - 5 %
<b><u>B. NON-HAZARDOUS</u></b>		
SILOXANES & SILICONES, DIMETHYL-POLYMERS W/ METHYLSILSESQUIOXANES	68554-67-6	5 - 10 %
Treated Filler	68611-44-9	5 - 10 %
Dimethylpolysiloxane	70131-67-8	60 - 90 %

#### 3. HAZARDS IDENTIFICATION

##### EMERGENCY OVERVIEW:

WARNING! Irritating to eyes, respiratory system and skin. May be harmful if swallowed. Adverse liver and reproductive effects reported in animals.  
solid White Acetic acid



## **GE Silicones**

### **MATERIAL SAFETY DATA SHEET**

**SCS1002 12C-Crtrg (0.730 Lbs-0.331 Kg)**

**Trade Name                      Silicone Rubber Sealant**

#### **POTENTIAL HEALTH EFFECTS :**

##### **INGESTION :**

May be harmful if swallowed.

##### **SKIN :**

May cause mild skin irritation.

##### **INHALATION :**

None known.

##### **EYES :**

May cause mild eye irritation.

##### **MEDICAL CONDITIONS AGGRAVATED**

None known.

##### **SUBCHRONIC (TARGET ORGAN ) :**

Liver injury may occur.Reproductive hazard.

##### **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 :**

dermalEyes

##### **OTHER :**

Acetic acid released during curing.

#### **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 :**

To clean from skin, remove completely with a dry cloth or paper towel, before washing with detergent and water.Get medical attention if irritation persists.

##### **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.



## **GE Silicones**

### **MATERIAL SAFETY DATA SHEET**

**SCS1002 12C-Crtrg (0.730 Lbs-0.331 Kg)**

**Trade Name                      Silicone Rubber Sealant**

**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**

<b>METHOD:</b>	NA
<b>IGNITION TEMPERATURE</b>	Unknown
<b>FLAMMABLE LIMITS IN AIR - LOWER (%)</b>	Unknown
<b>FLAMMABLE LIMITS IN AIR - UPPER (%)</b>	Unknown

**SENSITIVITY TO MECHANICAL IMPACT:**                      No

**SENSITIVITY TO STATIC DISCHARGE :**  
Sensitivity to static discharge is not expected.

**EXTINGUISHING MEDIA :**  
All standard firefighting media

**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. Increase area ventilation.

### **7. HANDLING AND STORAGE**

**STORAGE**

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:**  
Use only in well-ventilated areas. Avoid contact with skin and eyes. Keep away from children. Remove contact lenses before using sealant. Do not handle lenses until all sealant has been cleaned from the fingertips, nails and cuticles. Residual sealant may remain on fingers for several days and transfer to lenses and cause severe eye irritation. Store away from heat, sources of ignition, and



## GE Silicones

### MATERIAL SAFETY DATA SHEET

SCS1002 12C-Crtrg (0.730 Lbs-0.331 Kg)

Trade Name                      Silicone Rubber Sealant

incompatibles.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### ENGINEERING CONTROLS :

Eyewash stations Showers Exhaust ventilation

### 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 :

Cloth gloves.

### EYE AND FACE PROTECTION :

Safety glasses

### OTHER PROTECTIVE EQUIPMENT :

Wear suitable protective clothing and eye/face protection.

### Exposure Guidelines

Chemical

CAS REG NO.

ACGIH

OSHA

Supplier

## 9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT - C & F	NA
VAPOR PRESSURE (20 C) (MM HG) :	not applicable
VAPOR DENSITY (AIR=1) :	not applicable
FREEZING POINT:	NA
MELTING POINT :	NA
PHYSICAL STATE:	solid
ODOR:	Acetic acid
COLOR :	White
EVAPORATION RATE (BUTYL ACETATE=1):	< 1
SPECIFIC GRAVITY (WATER=1) :	1.06
DENSITY (KG/M3) :	ca. 1,040 KG/M3
ACID / ALKALINITY (MEQ/G) :	NA
pH	NA
VOLATILE ORGANIC CONTENT (VOL)	NA
SOLUBILITY IN WATER (20 C) :	Insoluble
SOLUBILITY IN ORGANIC SOLVENT (STATE	Toluene



## **GE Silicones**

### **MATERIAL SAFETY DATA SHEET**

**SCS1002 12C-Crtrg (0.730 Lbs-0.331 Kg)**

**Trade Name                      Silicone Rubber Sealant**

**SOLVENT) :**  
**VOC EXCL. H2O & EXEMPTS (G/L) :**                      20.00

### **10. STABILITY AND REACTIVITY**

**STABILITY                      :**  
Stable

**HAZARDOUS POLYMERIZATION        :**  
WILL NOT OCCUR

**HAZARDOUS THERMAL DECOMPOSITION / COMBUSTION PRODUCTS :**  
carbon dioxide (CO<sub>2</sub>)formaldehydeCarbon monoxideAcetic acidSilicon dioxide.

**INCOMPATIBILITY (MATERIALS TO AVOID)**  
None known.

**CONDITIONS TO AVOID        :**  
None known.

### **11. TOXICOLOGICAL INFORMATION**

**ACUTE ORAL:**  
Not applicable.

**ACUTE DERMAL:**  
Not applicable.

**ACUTE INHALATION:**  
Not applicable.

**OTHER:**  
None

**SENSITIZATION:**  
no data available

**SKIN IRRITATION**  
no data available

**EYE IRRITATION**  
no data available



**GE Silicones**

**MATERIAL SAFETY DATA SHEET**

**SCS1002 12C-Crtrg (0.730 Lbs-0.331 Kg)**

**Trade Name                      Silicone Rubber Sealant**

**MUTAGENICITY**  
Unknown

**12. ECOLOGICAL INFORMATION**

**ECOTOXICOLOGY**  
no data available

**CHEMICAL FATE**  
no data available

**DISTRIBUTION**

**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**

**US Regulatory Information**

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

**CLEAN AIR ACT**

**CLEAN WATER ACT**

