



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
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NFPA

FLAMMABILITY	0	REACTIVITY	0	HEALTH	2
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2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>PRODUCT COMPOSITION</u>	<u>CAS REG NO.</u>	<u>WGT. %</u>
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A. HAZARDOUS

Methyltriacetoxysilane	4253-34-3	1 - 5 %
Octamethylcyclotetrasiloxane	556-67-2	1 - 5 %

B. NON-HAZARDOUS

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



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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.



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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

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



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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



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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 (CO₂)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



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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

