



GE Silicones

MATERIAL SAFETY DATA SHEET

SCS2003 12C-Crtrg (0.971 Lbs-0.441 Kg)

Trade Name **Silicone Rubber Sealant Black Sil-Pruf**

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufactured By **GES Waterford Plant**
 260 Hudson Rd
 Waterford,NY12188

Revised: 06/24/2003

Preparer: PRODUCT STEWARDSHIP COMPLIANCE AND STANDARDS

Chemical Family/Use: Sealant

Formula: Mixture

CHEMTREC 1-800-424-9300

HMIS
FLAMMABILITY -0 REACTIVITY -0 HEALTH -1

NFPA
FLAMMABILITY -0 REACTIVITY -0HEALTH -1

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>PRODUCT COMPOSITION</u>	<u>CAS REG NO.</u>	<u>WGT. %</u>
<u>A. HAZARDOUS</u>		
Methyltrimethoxysilane	1185-55-3	1 - 5 %
<u>B. NON-HAZARDOUS</u>		
Treated Fumed Silica	68583-49-3	1 - 5 %
Treated Filler	68611-44-9	1 - 5 %
Polydimethylsiloxane	63148-62-9	10 - 30 %
Dimethylpolysiloxane	70131-67-8	30 - 60 %
Calcium carbonate	1317-65-3	30 - 60 %

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

WARNING!!Irritating to eyes, respiratory system and skin.May be harmful if swallowed.



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Solid Blacksweet

POTENTIAL HEALTH EFFECTS :

INGESTION :

May be harmful if swallowed.

SKIN :

Skin irritation is possible after contact with the uncured product. Uncured product contact will irritate lips, gums and tongue.

INHALATION :

Causes mild respiratory tract irritation. Applies in uncured state.

EYES :

Eye irritation on contact with the uncured product.

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 :

dermalEyes

OTHER :

Methanol released during curing. 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. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.



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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.

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 (%)

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 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.



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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 incompatibles. Product releases methanol during application and curing.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS :

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

<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) :	NEG
VAPOR DENSITY (AIR=1) :	



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FREEZING POINT:	NA
MELTING POINT :	NA
PHYSICAL STATE:	Solid
ODOR:	sweet
COLOR :	Black
EVAPORATION RATE (BUTYL ACETATE=1):	
SPECIFIC GRAVITY (WATER=1) :	1.40
DENSITY (KG/M3) :	1,400.003KG/M3
ACID / ALKALINITY (MEQ/G) :	Unknown
pH	NA
VOLATILE ORGANIC CONTENT (VOL)	2.00 %(m)
SOLUBILITY IN WATER (20 C) :	Insoluble
SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT) :	Toluene
VOC EXCL. H2O & EXEMPTS (G/L) :	20.00

10. STABILITY AND REACTIVITY

STABILITY :
Stable

HAZARDOUS POLYMERIZATION :
WILL NOT OCCUR

HAZARDOUS THERMAL DECOMPOSITION / COMBUSTION PRODUCTS :
Methanolcarbon dioxide (CO2)formaldehydeCarbon monoxideSilicon dioxide.

INCOMPATIBILITY (MATERIALS TO AVOID)
None known.

CONDITIONS TO AVOID :
None known.

11. TOXICOLOGICAL INFORMATION

ACUTE ORAL:
Unknown

ACUTE DERMAL:
Unknown



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ACUTE INHALATION:

Unknown

OTHER:

None

SENSITIZATION:

SKIN IRRITATION

EYE IRRITATION

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



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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:
Acute Health Hazard

SARA (313) CHEMICALS :

Canadian Regulatory Information

WHMIS HAZARD CLASS :
D2A VERY TOXIC MATERIALS, D2B TOXIC MATERIALS

OTHER:

SCHDLE B/HTSUS:

ECCN:

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 :
C ,= ceiling limit,,,,,NEGL = negligible EST,,= estimated,,,,,,NF = none found NA = not applicable,,,,,UNKN = unknown NE = none established,,,,,REC = recommended ND,,= none



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determined,,,V = recommended by vendor SKN = skin,,,,,,,,,TS = trade secret R = recommended,,,,,MST = mist NT = not tested,,,,,,,,,STEL = short term exposure limit 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 intended use and determine whether they are appropriate.....