



GE Silicones

MATERIAL SAFETY DATA SHEET

SCS 5501 - cartr. (310ml-320g) - transp.

Trade Name

MULTISIL ALKOXY SEALANT (translucent)

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufactured By **Boz Factory**
 Plasticslaan 1
 Bergen op Zoom,074600 AC

Revised: 07/01/2003

Preparer: PRODUCT STEWARDSHIP COMPLIANCE AND STANDARDS

Chemical Family/Use: Sealant

Formula: Mixture of polydimethylsiloxanes, fillers and cross-linkers.

CHEMTREC 1-800-424-9300

HMIS
FLAMMABILITY -0 REACTIVITY -0 HEALTH -1

NFPA
FLAMMABILITY -0 REACTIVITY -0HEALTH -1

2. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION

CAS REG NO.

WGT. %

A. HAZARDOUS

Methyltrimethoxysilane	1185-55-3	1 - 5 %
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B. NON-HAZARDOUS

Substituted siloxane	167883-14-9	1 - 5 %
Treated Filler	68611-44-9	10 - 30 %
Polydimethylsiloxane	63148-62-9	10 - 30 %
Dimethylpolysiloxane	70131-67-8	30 - 60 %

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

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



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POTENTIAL HEALTH EFFECTS :

INGESTION :

May be harmful if swallowed.

SKIN :

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

INHALATION :

Causes mild respiratory tract irritation. Applies in uncured state.

EYES :

May cause severe 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 :

Eyesdermal

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. 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 :

To clean from skin, remove completely with a dry cloth or paper towel, before washing with



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detergent and water. Get medical attention if irritation persists.

INHALATION :

Move to fresh air.

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:

IGNITION TEMPERATURE

FLAMMABLE LIMITS IN AIR - LOWER (%)

FLAMMABLE LIMITS IN AIR - UPPER (%)

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. Wear proper protective equipment as specified in the protective equipment section. Increase area ventilation.

7. HANDLING AND STORAGE

STORAGE



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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Keep container closed when not in use. Avoid contact with skin and eyes. CAUTION! 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. Product releases methanol during application and curing. Eye irritation on contact with the uncured product. Skin irritation is possible after contact with the uncured product.

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 :

rubber 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>
Methyltrimethoxysilane	1185-55-3			

9. PHYSICAL AND CHEMICAL PROPERTIES



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BOILING POINT - C & F

VAPOR PRESSURE (20 C) (MM HG) :

VAPOR DENSITY (AIR=1) :

FREEZING POINT:

MELTING POINT :

PHYSICAL STATE:

solid

ODOR:

sweet

COLOR :

translucent

EVAPORATION RATE (BUTYL ACETATE=1):

SPECIFIC GRAVITY (WATER=1) :

DENSITY (KG/M3) :

ca. 1.035 KG/M3

ACID / ALKALINITY (MEQ/G) :

pH

VOLATILE ORGANIC CONTENT (VOL)

SOLUBILITY IN WATER (20 C) :

insoluble

SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT) :

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

10. STABILITY AND REACTIVITY

STABILITY :

Stable

HAZARDOUS POLYMERIZATION :

WILL NOT OCCUR

HAZARDOUS THERMAL DECOMPOSITION / COMBUSTION PRODUCTS :

carbon dioxide (CO2)Carbon monoxideMethanolSilicon dioxide.formaldehyde

INCOMPATIBILITY (MATERIALS TO AVOID)

None known.

CONDITIONS TO AVOID :

None known.

11. TOXICOLOGICAL INFORMATION

ACUTE ORAL:

Unknown



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ACUTE DERMAL:

Unknown

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.



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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

SARA SECTION 302 :

SARA (311,312) HAZARD CLASS:
Acute Health Hazard

SARA (313) CHEMICALS :

Canadian Regulatory Information

WHMIS HAZARD CLASS :
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.



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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 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 = recomb. By vendor By-product = reaction by SKN = skin product, TSCA inventory TS = trade secret status not required under R = recommended 40 CFR part 720.30(h-2) MST = mist STEL = short term exposure NT = not tested limit.....