



GE Silicones

MATERIAL SAFETY DATA SHEET
0.315KG)

GE22608 12C-CRTRG(0.695LBS-

Trade Name CAULKING

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufactured By **GESA Daytona Plant**
703 South Street
New Smyrna Beach,FL32168

Revised 06/11/2003

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>1. HAZARDOUS</u>		
1,2-Ethanediol	107-21-1	1 - 5 %
2-(2-methoxyethoxy)ethanol,	111-77-3	1 - 5 %
Formaldehyde	50-00-0	0.0029
Ethyl Acrylate	140-88-5	0.0001
<u>2. NON-HAZARDOUS</u>		
Amorphous silicon dioxide	112945-52-5	1 - 5 %
WHITE MINERAL OIL	8042-47-5	1 - 5 %
Water	7732-18-5	30 - 60 %
Acrylic Polymer		30 - 60 %

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW



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WARNING! Irritating to eyes, respiratory system and skin. Harmful by inhalation, in contact with skin and if swallowed. May cause allergic skin reaction. May cause central nervous system depression. Refer to other MSDS sections for detailed information.
Liquid Clear Unknown

POTENTIAL HEALTH EFFECTS :

INGESTION :

May be harmful if swallowed. Irritation of the mouth, throat, and stomach. May cause kidney damage. May cause headache, dizziness, nausea, vomiting, gastrointestinal irritation and central nervous system depression.

SKIN :

May be absorbed through skin and produce effects as listed under "Ingestion". Can cause irritation and reddening of the skin.

INHALATION :

Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting. Can irritate mucous membranes and respiratory tract with coughing and shortness of breath. Avoid inhalation of vapour or mist.

EYES :

Contact can cause severe irritation and conjunctivitis (redness and swelling).

MEDICAL CONDITIONS AGGRAVATED

Central nervous system disorders. Pre-existing skin or respiratory diseases. Kidney disorders

SUBCHRONIC (TARGET ORGAN) :

Respiratory system Kidney Central nervous system

CHRONIC EFFECTS / CARCINOGENICITY :

This space reserved for special use. 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 :

Inhalation dermal Eyes

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.



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4. FIRST AID MEASURES

INGESTION :

Immediate medical attention is required Do not induce vomiting. If victim is conscious, give 2-4 glasses of water.

SKIN :

Wash off with soap and water.Remove and wash contaminated clothing before re-use.Get medical attention if irritation or symptoms from Section 3 develop.Flush skin with large amounts of water for at least 15 minutes until no evidence of chemical remains.

INHALATION :

Get medical attention if irritation or symptoms from Section 3 develop.If not breathing, begin artificial respiration using a barrier device. Because of chemical properties, do not use mouth-to-mouth contact.Remove 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.

NOTES TO PHYSICIAN :

Treatment is symptomatic and supportive.

5. FIRE-FIGHTING MEASURES

FLASH POINT

METHOD NA

IGNITION TEMPERATURE NA

FLAMMABLE LIMITS IN AIR - LOWER (%) NA

FLAMMABLE LIMITS IN AIR - UPPER (%) NA

SENSITIVITY TO MECHANICAL IMPACT (Y/N) : 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.



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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. Keep out of water supplies and sewers.

7. HANDLING AND STORAGE

STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Avoid contact with skin and eyes. Remove and wash contaminated clothing before re-use. Keep away from children. Keep container tightly closed. Keep container dry. Do not inhale vapors. Avoid accidental ingestion of this material. Wash hands and face before eating, drinking, smoking, using toilet facilities, or applying cosmetics. Store between 40 F and 120 F. Product releases formaldehyde during curing.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS :

Eyewash stations Showers

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 :

Neoprene.

EYE AND FACE PROTECTION :

safety glasses with side-shields Monogoggles.

OTHER PROTECTIVE EQUIPMENT :

Wear suitable protective clothing and eye/face protection.

Exposure Guidelines



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<u>Chemical</u>	<u>CAS REG NO.</u>	<u>ACGIH</u>	<u>OSHA</u>	<u>Supplier</u>
1,2-Ethanediol	107-21-1			
2-(2-methoxyethoxy)ethanol,	111-77-3			

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT - C & F	100.00 C 212 F
VAPOR PRESSURE (20 C) (MM HG) :	Unknown
VAPOR DENSITY (AIR=1) :	
FREEZING POINT:	Unknown
MELTING POINT :	Unknown
PHYSICAL STATE:	Liquid
ODOR :	Unknown
COLOR :	Clear
EVAPORATION RATE (BUTYL ACETATE=1):	
SPECIFIC GRAVITY (WATER=1) :	1.05
DENSITY (KG/M3) :	1,058.003KG/M3
ACID / ALKALINITY (MEQ/G) :	Unknown
pH	7.7-8.1
VOLATILE ORGANIC CONTENT (VOL)	47.90 %(m)
SOLUBILITY IN WATER (20 C) :	Unknown
SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT) :	Unknown
VOC EXCL. H2O & EXEMPTS (G/L) :	43.00

10. STABILITY AND REACTIVITY



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STABILITY :
Stable

HAZARDOUS POLYMERIZATION :
WILL NOT OCCUR

HAZARDOUS THERMAL DECOMPOSITION / COMBUSTION PRODUCTS :
carbon dioxide (CO₂)formaldehydeCarbon monoxideOxides of nitrogen.Acrylic monomers

INCOMPATIBILITY (MATERIALS TO AVOID)
None known.

CONDITIONS TO AVOID :
None known.

11. TOXICOLOGICAL INFORMATION

ACUTE ORAL:
NONE FOUND

ACUTE DERMAL:
NONE FOUND

ACUTE INHALATION:
NONE FOUND

Other
None

SENSITIZATION

SKIN IRRITATION

EYE IRRITATION

MUTAGENICITY
Unknown

12. ECOLOGICAL INFORMATION



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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		
<u>PRODUCT COMPOSITION</u>	<u>Chemical</u>	<u>CERCLA Reportable Quantity</u>

CLEAN AIR ACT

CLEAN WATER ACT

SARA SECTION 302 :

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



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SARA (313) CHEMICALS :

Canadian Regulatory Information

WHMIS HAZARD CLASS :
D2B TOXIC MATERIALS

Other

SCHDLE B/HTSUS: 3214.10 Mastic Based on Rubber

ECCN:

CALIFORNIA PROPOSITION 65 :
50-00-0, FORMALDEHYDE
140-88-5,
Warning! This product contains a chemical known to the State of California to cause cancer, birth defects or other reproductive 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 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 = recomm. 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....., This product contains a chemical which is not listed on the Canadian Domestic Substances List (DSL). It is provided to you for Research and Development or Product Development purposes only. Any use of a chemical not listed on the DSL for a commercial purpose in quantities greater than 20 kilograms is contrary to Canadian Law. Under the provisions of the Environmental Protection Act, chemicals which are not listed on the DSL may be manufactured in or imported into Canada in quantities of 1,000 kilograms or less annually, or 5,000 kilograms cummulatively, for Research and Development or Product Development purposes.



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