

PRODUCT: FSE7540

FLUOROSILICONE RUBBER COMPOUND

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURED BY:
GE SILICONES
260 HUDSON RIVER ROAD
WATERFORD, NY 12188

SUPPLIED BY:
GE SILICONES
260 HUDSON RIVER ROAD
WATERFORD, NY 12188

EMERGENCY PHONE (24 HRS)
(518) 237-3330

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(518) 237-3330

REVISED: 03/22/99
PREPARER: CE HANNIGAN
CHEMICAL FAMILY/USE: FLUOROSILICONE RUBBER SEALANT
FORMULA: MIXTURE

2. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION/ CAS REG NO.	APPROX. WGT. %	ACGIH TLV		OSHA PEL		UNITS
		TWA	STEL	TWA	STEL	
1. HAZARDOUS						
None Found						
2. NON-HAZARDOUS						
VINYL SILICONE POLYMER						
67762-94-1	1-5	NA	NE	NA	NE	NA
DIMETHYLDIPHENYLSILOXANE COPOLYMER						
68951-94-0	1-5	NA	NE	NA	NE	NA
SILOXANES & SILICONES, METHYL-						
3,3,3-TRIFLUOROPROPYL HYDROXY/STPD						
68607-77-2	60-80	NA	NE	NA	NE	NA
AEROSIL200VS						
112945-52-5	10-30	10	NE	NE	NE	MG/M3

See Section 15 for description of any WEMIS Trade Secret(s).

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:
This section not in use
POTENTIAL HEALTH EFFECTS:

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MARKETED BY
HARWICK STANDARD
DISTRIBUTION CORPORATION
60 S. Seiberling Street • Akron, Ohio 44305

INGESTION:

None known

SKIN CONTACT:

None known.

Plant experience has shown that skin hazard is not applicable in this form.

INHALATION:

None Known.

EYE CONTACT:

May cause mild eye irritation.

MEDICAL CONDITIONS AGGRAVATED:

None known.

SUBCHRONIC (TARGET ORGAN) EFFECTS:

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.

PRODUCTS/INGREDIENTS

This space reserved for special use.

PRINCIPLE ROUTES OF EXPOSURE:

None known.

OTHER:

Trifluoropropionaldehyde (TFPA) vapors may evolve from product used in open systems at temperatures above 300°F/149°C. Use in a well ventilated area. No exposure limit has been established; consult an industrial hygienist or your supervisor.

Comments: Animal oral feeding studies have shown TFPA is highly toxic. Acute LD50 for rats is approximately 25 mg/kg body weight. Animal inhalation studies have shown TFPA is highly toxic. Acute LC50 for rats is 23 ppm. The relationship of this information to vapor exposure has not been determined. 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.

SKIN:

Wash with soap and water.

INHALATION:

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None known.

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:		NA	(C) NA
METHOD :		NA	
IGNITION TEMP :		UNK	(C) UNK
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 FIREFIGHTING PROCEDURES:

None known.

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.

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

During cure, vapors are given off which may be harmful

Cure only where appropriate ventilation systems exist.

Caution!

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

None known.

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RESPIRATORY PROTECTION:

None known.

PROTECTIVE GLOVES:

Cloth gloves.

EYE AND FACE PROTECTION:

Safety glasses.

OTHER PROTECTIVE EQUIPMENT:

None known.

VENTILATION:

None known.

9. PHYSICAL AND CHEMICAL PROPERTIES**PRODUCT INFORMATION:**

BOILING POINT :	NA	(C) NA
VAPOR PRESSURE (20 C) (MM HG) :	NA	
VAPOR DENSITY (AIR=1) :	NA	
FREEZING POINT :	NA	(C) NA
MELTING POINT :	NA	(C) NA
PHYSICAL STATE :	SOLID	
ODOR :	-ODORLESS	
COLOR :	TRANSLUCENT	
ODOR THRESHOLD (PPM) :	NA	
% VOLATILE BY VOLUME :	<1	
EVAP. RATE (BUTYL ACETATE=1) :	<1	
SPECIFIC GRAVITY (WATER=1) :	1.39	
DENSITY (KG/M3) :	~1390	
ACID/ALKALINITY (MEQ/G) :	UNK	
PH :	NA	
VOC EXCL. B20 & EXEMPTS (G/L) :	NI	
SOLUBILITY IN WATER (20 C) :	INSOLUBLE	
SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT) :	UNK	

10. STABILITY AND REACTIVITY

STABILITY:	STABLE
HAZARDOUS POLYMERIZATION:	WILL NOT OCCUR
HAZARDOUS THERMAL DECOMPOSITION/COMBUSTION PRODUCTS:	
Carbon monoxide.	
Carbon dioxide.	
Silicon dioxide.	
Formaldehyde.	
Fluorocarbons.	
Hydrogen fluoride.	

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INCOMPATIBILITY (MATERIALS TO AVOID):

None known.

CONDITIONS TO AVOID:

None known.

11. TOXICOLOGICAL INFORMATION

PRODUCT INFORMATION:

ACUTE ORAL LD50 (MG/KG): NONE FOUND

ACUTE DERMAL LD50 (MG/KG): NONE FOUND

ACUTE INHALATION LC50 (MG/L): NONE FOUND

OTHER:

None.

AMES TEST:

UNKNOWN

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION:

No data at this time

CHEMICAL FATE INFORMATION:

No data at this time

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD:

Disposal should be made in accordance with federal, state and local regulations.

Bury in a licensed landfill or burn in an approved incinerator according to federal, state, and local regulations.

14. TRANSPORT INFORMATION

DOT SHIPPING NAME: NONE

DOT HAZARD CLASS: NOT DOT REGULATED

DOT LABEL(S): NA

UN/NA NUMBER: NA

PLACARDS: NONE

IATA:

NOT REGULATED BY IATA

IMO IMDG-code:

NOT REGULATED FOR OCEAN TRANSPORTATION

EMS No:

NA

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EUROPEAN CLASS:

RID (OCTI) : NA
ADR (ECE) : NA
RAR (IATA) : NA

15. REGULATORY INFORMATION

SARA SECTION 302:

None Found

SARA (311,312) HAZARD CLASS:

NONE

SARA (313) CHEMICALS:

NONE

CPSC CLASSIFICATION:

NA

WEMIS HAZARD CLASS:

D2A VERY TOXIC MATERIALS

WEMIS TRADE SECRET:

None

EXPORT:

SCHDLE B/HTSUS:

3910.00 Silicones in Primary Form

ECCN:

KAR99

HAZARD RATING SYSTEMS

HMS FLAMMABILITY 0 , REACTIVITY 0 , HEALTH 0
NFPA FLAMMABILITY 0 , REACTIVITY 0 , HEALTH 0

CALIFORNIA PROPOSITION 65:

NONE

16. OTHER INFORMATION

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
- EST= estimated
- NA = not applicable
- NE = none established
- ND = none determined
- By-product = reaction by-product, TSCA inventory status not required under
- NEGL = negligible
- NF = none found
- UNKN = unknown
- RBC = recommended
- V = recomm. By vendor
- SKN = skin
- TS = trade secret
- R = recommended

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40 CFR part 720.30(h-2) MST = mist
STEL = short term exposure limit NT = not tested

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*** END OF MSDS ***