

MSDS 94505



GE Silicones

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FORMAT: USA MATERIAL SAFETY DATA SHEET
PRODUCT: 94500U Tufel 94505 POLYMETHYLVINYL SILICONE RUBBER

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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REVISED: 05/11/01
PREPARER: CE HANNIGAN
CHEMICAL FAMILY/USE: SILICONE RUBBER
FORMULA: MIXTURE

2. COMPOSITION/INFORMATION ON INGREDIENTS

Table with 7 columns: PRODUCT COMPOSITION/ CAS REG NO., APPROX. WGT. %, ACGIH TLV TWA, ACGIH TLV STEL, OSHA PEL TWA, OSHA PEL STEL, UNITS. Rows include DIMETHYL-METHYLVINYL SILICONE GUM, VINYL SILICONE GUM, TRADE SECRET COMPONENT, and TETRAMER TREATED FUMED SILICA.

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

3. HAZARDS IDENTIFICATION

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

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EMERGENCY OVERVIEW:

Translucent Solid

Slight Odor

Refer to other MSDS sections for detailed information.

1^ POTENTIAL HEALTH EFFECTS:

INGESTION:

May be harmful if swallowed.

SKIN CONTACT:

May cause mild skin irritation.

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:

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:

None known.

SKIN:

Wash with soap and water.

INHALATION:

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: >204 (C) >400 (F)
METHOD : PMCC.
IGNITION TEMP : UNKN (C) UNKN (F)
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.
Wash walking surfaces with detergent and water to reduce slipping hazard.
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.
RESPIRATORY PROTECTION:
None known.
PROTECTIVE GLOVES:
Cloth gloves.
EYE AND FACE PROTECTION:
Safety glasses.
OTHER PROTECTIVE EQUIPMENT
None known.
1^ VENTILATION:
None known.

PHYSICAL AND CHEMICAL PROPERTIES

DIMETHYL-METHYLVINYL SILICONE GUM

BOILING POINT : >260 (C) >500 (F)
 VAPOR PRESSURE (20 C) (MM HG) : NEG.
 VAPOR DENSITY (AIR=1) : NEG.

VINYLSILICONE GUM

BOILING POINT : >260 (C) >500 (F)
 VAPOR PRESSURE (20 C) (MM HG) : NEG.
 VAPOR DENSITY (AIR=1) : NEG.

TRADE SECRET COMPONENT

BOILING POINT : >315 (C) >600 (F)
 VAPOR PRESSURE (20 C) (MM HG) : NEGL
 VAPOR DENSITY (AIR=1) : NEGL

TETRAMER TREATED FUMED SILICA

BOILING POINT : NA (C) NA (F)
 VAPOR PRESSURE (20 C) (MM HG) : NA
 VAPOR DENSITY (AIR=1) : NA

PRODUCT INFORMATION:

BOILING POINT : NA (C) NA (F)
 VAPOR PRESSURE (20 C) (MM HG) : NEG.
 VAPOR DENSITY (AIR=1) : NEG.
 FREEZING POINT : NA (C) NA (F)
 MELTING POINT : NA (C) NA (F)
 PHYSICAL STATE : SOLID
 ODOR : SLIGHT
 COLOR : TRANSLUCENT
 ODOR THRESHOLD (PPM) : UNK
 % VOLATILE BY VOLUME : <1
 EVAP. RATE (BUTYL ACETATE=1) : NA
 SPECIFIC GRAVITY (WATER=1) : 1.14
 DENSITY (KG/M3) : 1140
 ACID/ALKALINITY (MEQ/G) : NA
 PH : NA
 VOC EXCL.H2O & EXEMPTS(G/L) : NT
 SOLUBILITY IN WATER (20 C) : INSOLUBLE
 SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT) : PARTIAL IN TOLUENE

1SH 10 STABILITY AND REACTIVITY

STABILITY: STABLE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

HAZARDOUS THERMAL DECOMPOSITION/COMBUSTION PRODUCTS:

Carbon monoxide.

Carbon dioxide.

Silicon dioxide.

Formaldehyde.

INCOMPATIBILITY (MATERIALS TO AVOID):

None known.

CONDITIONS TO AVOID:

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None known

11. TOXICOLOGICAL INFORMATION

PRODUCT INFORMATION:

ACUTE ORAL LD50 (MG/KG): UNKN
ACUTE DERMAL LD50 (MG/KG): UNKN
ACUTE INHALATION LC50 (MG/L): UNKN

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.

14. TRANSPORT INFORMATION

DOT SHIPPING NAME: NONE
1^ DOT HAZARD CLASS: NOT DOT REGULATED
DOT LABEL(S): NONE
UN/NA NUMBER: NONE
PLACARDS: NONE
IATA:
NOT REGULATED BY IATA
IMO IMDG-code: NOT REGULATED FOR OCEAN TRANSPORTATION
EMS No: NA
EUROPEAN CLASS:
RID (OCTI): NONE
ADR (ECE): NONE

RAR (IATA) NONE

15. REGULATORY INFORMATION

SARA SECTION 302:

None Found

SARA (311,312) HAZARD CLASS

NONE

SARA (313) CHEMICALS:

NONE

CPSC CLASSIFICATION: NA

WHMIS HAZARD CLASS:

D2A VERY TOXIC MATERIALS

WHMIS TRADE SECRET:

None

EXPORT:

SCHDLE B/HTSUS: 3910.00 Silicones in Primary Form

ECCN: EAR99

HAZARD RATING SYSTEMS

HMIS FLAMMABILITY 0 , REACTIVITY 0 , HEALTH

NFPA FLAMMABILITY 0 , REACTIVITY 0 , HEALTH 0

CALIFORNIA PROPOSITION 65:

NONE

16. OTHER INFORMATION

This product or its components are on the European inventory of existing commercial chemicals (EINECS).....

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 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.

This product or its components are on the Australian inventory (ACQIN).....

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

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