



FORMAT: USA

MATERIAL SAFETY DATA SHEET

PRODUCT: SR355

METHYLPHENYL SILICONE RESIN

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

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

REVISED: 02/08/01

PREPARER: CE HANNIGAN

CHEMICAL FAMILY/USE: SILICONE RESIN

FORMULA: RESIN

2. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION/ CAS REG NO.	APPROX. WGT. %	ACGIH TLV TWA	OSHA PEL STEL	ACGIH TLV TWA	OSHA PEL STEL	UNITS
HAZARDOUS						
SILOXANES & SILICONES, DIMETHYL-						
POLYMERS W/ PHENYL SILSESQUIOXANES						
73138-88-2	80-99	--	NE	--	NE	--
TOLUENE						
108-88-3	<1	50 (SKIN)	100	150	PPM	
BENZENE						
71-43-2	11PPB	0.5	2.5	1	5	PPM

2. NON-HAZARDOUS

None Found

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

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

WARNING!

Irritating to skin, eyes, and respiratory tract.

May be harmful if swallowed.

Slight odor

White solid

POTENTIAL HEALTH EFFECTS:

INGESTION:

May be harmful if swallowed.

SKIN CONTACT:

May cause mild skin irritation.

INHALATION:

May irritate mouth, nose, and throat.

May irritate the lungs.

EYE CONTACT:

May irritate eyes.

MEDICAL CONDITIONS AGGRAVATED:

Respiratory disorders.

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:

Dermal - skin.

Eyes.

Inhalation.

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:

Wash with soap 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.

1~ 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 (F)
METHOD : NA
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:

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

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Keep container closed when not in use.
Avoid contact with skin and eyes.
Use only in a well ventilated area.
Keep away from children.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

1

ENGINEERING CONTROLS:

Showers and eyewash stations. See "Ventilation" below.

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 29 CFR 1910.134).

PROTECTIVE GLOVES:

Cloth gloves.

EYE AND FACE PROTECTION:

Safety glasses.

OTHER PROTECTIVE EQUIPMENT:

Wear eye protection and protective clothing.

VENTILATION:

Ventilation and other forms of engineering controls are preferred for controlling exposures. Respiratory protection may be needed for non-routine or emergency situations.

9. PHYSICAL AND CHEMICAL PROPERTIES

PRODUCT INFORMATION:

BOILING POINT : NA (C) NA (F)
VAPOR PRESSURE(20 C)(MM HG): NA
VAPOR DENSITY (AIR=1) : NA
FREEZING POINT : NA (C) NA (F)
MELTING POINT : 93 (C) 200 (F)
PHYSICAL STATE : SOLID
ODOR : ODORLESS
COLOR : WHITE
ODOR THRESHOLD (PPM) : UNK
% VOLATILE BY VOLUME : <1
EVAP. RATE(BUTYL ACETATE=1): NA
SPECIFIC GRAVITY (WATER=1) : 1.0
DENSITY (KG/M3) : UNKN
ACID/ALKALINITY (MEQ/G) : <10 PPM
PH : NA
VOC EXCL.H2O & EXEMPTS(G/L): 878
SOLUBILITY IN WATER (20 C) : INSIGNIFICANT
SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT): TOLUENE

10. STABILITY AND REACTIVITY

1

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:

None known.

11. TOXICOLOGICAL INFORMATION

PRODUCT INFORMATION:

ACUTE ORAL LD50 (MG/KG): UNKNOWN

ACUTE DERMAL LD50 (MG/KG): UNKNOWN

ACUTE INHALATION LC50 (MG/L): UNKNOWN

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

COPYRIGHT GENERAL ELECTRIC CO.

page: 7