



FORMAT:USA

MATERIAL SAFETY DATA SHEET  
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PRODUCT: SM2145

POLYSILOXANE EMULSION

PAGE: 01

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: 02/06/96  
PREPARER: CE HANNIGAN  
CHEMICAL FAMILY/USE: SILICONE EMULSION  
FORMULA: MIXTURE

2. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION/ CAS REG NO.	APPROX. WGT. %	ACGIH TLV TWA	OSHA PEL STEL	OSHA PEL TWA	OSHA PEL STEL	UNITS
<b>A. HAZARDOUS</b>						
FORMALDEHYDE 50-00-0	<1	0.3(C)	NE	0.75	2	PPM
<b>B. NON-HAZARDOUS</b>						
POLYVINYL ALCOHOL 25213-24-5	1-5	5	NE	15	NE	MG/M3
POLYMETHYLHYDROGEN SILOXANE 63148-57-2	1-5	NA	NE	NA	NE	NA
DIMETHYL POLYSILOXANE SILANOL/ST 70131-67-8	30-60	NA	NE	NA	NE	NA
WATER 7732-18-5	30-60	NA	NE	NA	NE	NA

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

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

This section not in use

POTENTIAL HEALTH EFFECTS:

INGESTION:

None known

SKIN CONTACT:

None known.

INHALATION:

None known.

EYE CONTACT:

None known.

MEDICAL CONDITIONS AGGRAVATED:

None known.

MARKETED BY

**HARWICK STANDARD**  
DISTRIBUTION CORPORATION  
60 S. Seiberling Street - Akron, Ohio 44305

**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 Formaldehyde as a biocide. 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.

This product contains Methylpolysiloxanes which can generate Formaldehyde at approximately 300 degrees farenheit (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:**

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**

<b>FLASH POINT:</b>		NONE	(C) NONE	(F)
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<b>METHOD</b>	:	PNCC.		
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<b>IGNITION TEMP</b>	:	UNKN	(C) UNKN	(F)
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<b>FLAMMABLE LIMITS IN AIR - LOWER (%)</b> :	NA			
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<b>FLAMMABLE LIMITS IN AIR - UPPER (%)</b> :	NA			
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<b>SENSITIVITY TO MECHANICAL IMPACT (Y/N)</b> :	NO			
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**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:**

Wash walking surfaces with detergent and water to reduce slipping hazard.

Wipe, scrape, or soak up in an inert material and put in a container intended for flammable materials for disposal.

## 7. HANDLING AND STORAGE

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:**

Recommended storage in original container below 30°C (85°F).

Keep container closed when not in use.

Do not reuse this container.

Relieve any internal pressure when received and at least weekly thereafter by slowly loosening bung. Retighten bung immediately.

Caution]

Keep container closed when not in use to prevent contact with acidic, basic or oxidizing materials, and metallic catalysts like tin soaps and noble metals(pt, rh, etc.).

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**ENGINEERING CONTROLS:**

None known.

**RESPIRATORY PROTECTION:**

None known.

**PROTECTIVE GLOVES:**

None known.

**EYE AND FACE PROTECTION:**

Safety glasses.

**OTHER PROTECTIVE EQUIPMENT:**

None known.

**VENTILATION:**

None known.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PRODUCT INFORMATION:**

<b>BOILING POINT</b>	:	100	(C) 212	(F)
<b>VAPOR PRESSURE(20 C)(MM HG):</b>	:	NA		
<b>VAPOR DENSITY (AIR=1)</b>	:	NA		
<b>FREEZING POINT</b>	:	0	(C) 32	(F)
<b>MELTING POINT</b>	:	NA	(C) NA	(F)
<b>PHYSICAL STATE</b>	:	LIQUID		
<b>ODOR</b>	:	ODORLESS		
<b>COLOR</b>	:	WHITE		
<b>ODOR THRESHOLD (PPM)</b>	:	UNK		
<b>% VOLATILE BY VOLUME</b>	:	~50		
<b>EVAP. RATE(BUTYL ACETATE=1):</b>	:	<1		
<b>SPECIFIC GRAVITY (WATER=1)</b>	:	1.01		
<b>DENSITY (KG/M3)</b>	:	983		
<b>ACID/ALKALINITY (MEQ/G)</b>	:	NA		
<b>PH</b>	:	UNKNOWN		
<b>VOC (EPA METH.24) (G/L)</b>	:	NT		
<b>SOLUBILITY IN WATER (20 C)</b>	:	DISPERSIBLE		
<b>SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT):</b>	:	UNKNOWN		

## 10. STABILITY AND REACTIVITY

**STABILITY:**

STABLE

**HAZARDOUS POLYMERIZATION:**

WILL NOT OCCUR

**HAZARDOUS THERMAL DECOMPOSITION/COMBUSTION PRODUCTS:**

Carbon dioxide.

Silicon dioxide.

Flammable hydrogen gas.

Formaldehyde.

**INCOMPATIBILITY (MATERIALS TO AVOID):**

Avoid contact with acidic, basic, or oxidizing agents, and metallic catalysts like tin soaps and noble metals (pt, rh, etc.)..

**CONDITIONS TO AVOID:**

Product generates flammable gas on contact with acids, bases or oxidizing materials.

## 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
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## 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.  
Incineration recommended in approved incinerator according to federal, state, and local regulations.

## 14. TRANSPORT INFORMATION

DOT SHIPPING NAME:	NA
DOT HAZARD CLASS:	NOT DOT REGULATED
DOT LABEL(S):	NA
UN/NA NUMBER:	NA
PLACARDS:	NONE
IATA:	
NA	
IHD IMDG-code:	NA
EMS No:	NA
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  
 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 1 , HEALTH 1  
 NFPA FLAMMABILITY 0 , REACTIVITY 1 , HEALTH 1  
 CALIFORNIA PROPOSITION 65:

THIS PRODUCT CONTAINS CALIFORNIA PROPOSITION 65 CHEMICALS WHICH ARE LISTED BELOW.

FORMALDEHYDE (50-00-0)

16. OTHER INFORMATION

These data are offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is made. The recommended handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific content of the intended use.....

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

California Proposition 65...  
 Warning] This product contains a chemical known to the State of California to cause cancer.

If shipment by air is required, be certain that container has not been contaminated by acidic, basic, or oxidizing materials and container is undamaged.

DATE PRINTED: 10/15/97

\*\*\* END OF MSDS \*\*\*