

PRODUCT: XL-2

DIMETHYLPOLYSILOXANE GUM

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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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REVISED: 06/25/98  
 PREPARER: CE HANNIGAN  
 CHEMICAL FAMILY/USE: SILICONE POLYMER  
 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						
POLYDIMETHYLSILOXANE						
63148-62-9	10-30	NA	NE	NA	NE	
POLYMETHYLHYDROGENSILOXANE						
68037-59-2	30-60	NA	NE	NA	NE	
D4 & HMDZ TREATED SILICON DIOXIDE						
68937-51-9	30-60	10	NE	15	NE	MG/M3

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

## 3. HAZARDS IDENTIFICATION

## EMERGENCY OVERVIEW:

Clear Solid  
 Odorless

Refer to other MSDS sections for detailed information.

## POTENTIAL HEALTH EFFECTS:

INGESTION:

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MARKETED BY

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

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:

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:

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.

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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:

None known.

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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.

Wear proper protective equipment as specified in the protective equipment section.

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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!

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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.

VENTILATION:

None known.

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 : UNKN (C) UNKN (F)  
PHYSICAL STATE : SOLID  
ODOR : ODORLESS  
COLOR : CLEAR  
ODOR THRESHOLD (PPM) : UNK  
VOLATILE BY VOLUME : <1  
EVAP. RATE (BUTYL ACETATE=1) : <1  
SPECIFIC GRAVITY (WATER=1) : UNKN  
DENSITY (KG/M3) : UNKN  
ACID/ALKALINITY (MEQ/G) : UNKN  
PH : UNKN  
% OC EXCL. H2O & EXEMPTS (G/L) : NT  
SOLUBILITY IN WATER (20 C) : INSOLUBLE  
SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT) : PARTIAL IN TOLUENE

10. STABILITY AND REACTIVITY

STABILITY: STABLE  
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR  
HAZARDOUS THERMAL DECOMPOSITION/COMBUSTION PRODUCTS:  
Carbon monoxide.  
Carbon dioxide.  
Silicon dioxide.  
Flammable hydrogen gas.  
Formaldehyde.  
INCOMPATIBILITY (MATERIALS TO AVOID):  
None known.  
CONDITIONS TO AVOID:  
None known.

11. TOXICOLOGICAL INFORMATION

PRODUCT INFORMATION:  
LD50 ORAL (MG/KG): UNKNOWN

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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

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## 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.

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## 14. TRANSPORT INFORMATION

DOT SHIPPING NAME: NONE  
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

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## 15. REGULATORY INFORMATION

SARA SECTION 302:  
None Found  
SARA (311,312) HAZARD CLASS:  
NONE

SARF (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	0
NFPA	FLAMMABILITY	0	, REACTIVITY	0	, HEALTH	0

CALIFORNIA PROPOSITION 65:  
NONE

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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.

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This product or its components are on the Australian inventory (ACOIN).....  
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|--|-----------------------|
| 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       |