

PRODUCT: 23377

SILICONE RUBBER COMPOUND

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURED BY:  
AMERICAN SILICONES INC.  
420 NORTH TAYLOR ROAD  
GARRETT, IN 46738

SUPPLIED BY:  
AMERICAN SILICONES INC.  
420 NORTH TAYLOR ROAD  
GARRETT, IN 46738

EMERGENCY PHONE (24 HRS)  
(219) 357-6161

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(219) 357-6161

REVISED: 03/07/02  
PREPARER: JJONES  
CHEMICAL FAMILY/USE: SILICONE RUBBER  
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/ STPD POLYDIMETHYLSILOXANE						
68083-19-2	10-30	NA	NE	NA	NE	NA
VI/ST DIMETHYL METHYLVINYLSILOXANE						
68083-18-1	10-30	NA	NE	NA	NE	NA
SILANOL/STPD POLYDIMETHYLSILOXANE						
70131-67-B	1-5	NF	NE	NF	NE	NA
DIMETHYL-METHYLVINYL SILICONE GUM						
67762-94-1	10-30	NA	NE	NA	NE	NA
TETRAMER TREATED FUMED SILICA						
68583-49-3	30-60	10	NE	15	NE	MG/M3

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

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:  
CAUTION!

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

May irritate the eyes.  
May generate formaldehyde at temperatures greater than 150 C (300 F). See Section 3 of MSDS for details.  
Odorless  
Clear solid

**POTENTIAL HEALTH EFFECTS:**

**INGESTION:**

None known

**SKIN CONTACT:**

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:**

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.

**INHALATION:**

Move person to fresh air.

Seek medical attention if symptoms of exposure develop.

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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 : NA (C) NA (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.

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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:

Curing releases vapors which may be harmful.  
Cure only where appropriate ventilation systems exist.  
Avoid contact with eyes.  
Keep away from children.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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**ENGINEERING CONTROLS:**

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 :	NA	(C) NA	(F)
PHYSICAL STATE :	SOLID		
ODOR :	~ODORLESS		
COLOR :	TRANSLUCENT		
ODOR THRESHOLD (PEM) :	NA		
% VOLATILE BY VOLUME :	NA		
EVAP. RATE (BUTYL ACETATE=1) :	NA		
SPECIFIC GRAVITY (WATER=1) :	1.18		
DENSITY (KG/M3) :	NA		
ACID/ALKALINITY (MEQ/G) :	NA		
PH :	NA		
WOC EXCL. H2O & EXEMPTS (G/L) :	NA		
SOLUBILITY IN WATER (20 C) :	NA		
SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT) :	NA		

**10. STABILITY AND REACTIVITY**

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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

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

14. TRANSPORT INFORMATION

IF SHIPPING NAME: NONE  
 IF HAZARD CLASS: NOT DOT REGULATED  
 IF LABEL(S): NONE

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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  
 WEMIS HAZARD CLASS:  
 D2A VERY TOXIC MATERIALS  
 WEMIS TRADE SECRET:  
 None  
 EXPORT:  
   SCHEDULE B/HISUS: 3910.00 Silicones in Primary Form  
   ECCN: EAR99  
 HAZARD RATING SYSTEMS  
   HMIS FLAMMABILITY 0 , REACTIVITY 0 , HEALTH 0  
   NFPA FLAMMABILITY 0 , REACTIVITY 0 , HEALTH 1  
 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.

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 C = ceiling limit            NEGL = negligible  
 EST= estimated              NF = none found

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NA = not applicable	UNKN = unknown
NE = none established	REC = recommended
ND = none determined	V = recomm. By vendor
By-product = reaction by-	SKN = skin
product, TSCA inventory	TS = trade secret
status not required under	R = recommended
40 CFR part 720.30 (h-2)	MST = mist
STEL = short term exposure	NT = not tested
limit	

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