



MATERIAL SAFETY DATA SHEET

1533 W. Henrietta Rd.
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MSDS No. SS 133
Effective Date April 26, 1999

SECTION V HEALTH HAZARD DATA

SS 133

Threshold Limited Value None established (ACGIH 1992-93). RTECS No. TQ2690000
Toxicity Data: imp-rat TDLo: 1500 mg/kg.

Effects of Overexposure
INGESTION: May cause stomach discomfort. **SKIN CONTACT:** None known. **INHALATION:** None known. **EYE CONTACT:** May cause mild eye irritation. **MEDICAL CONDITIONS AGGRAVATED:** None known.

Emergency and First Aid Procedures
INGESTION: Rinse mouth with water several times. If discomfort or illness develops, get medical attention. **SKIN:** Flush thoroughly with water, then wash with mild soap and water. **INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention. **EYES:** Flush thoroughly with water for at least 15 minutes, lifting lower and upper eyelids occasionally. If irritation develops or persists, get medical attention.

SECTION VI REACTIVITY DATA

Stability
Unstable: Stable:
Conditions to Avoid None known.

Incompatibility (Materials to Avoid) None known.

Hazardous Decomposition Products Carbon monoxide, carbon dioxide, silicon dioxide.

Hazardous Polymerization
May Occur: Will Not Occur:
Conditions to Avoid Not applicable.

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled
Recover for use if not contaminated. Wipe, scrape or soak up in an inert material, such as sand, earth, vermiculite, clay, and put in a suitable container for disposal. Wash walking surfaces with detergent and water to reduce slipping hazards.

Waste Disposal Method Discharge, treatment, or disposal may be subject to Federal, State or Local laws. These disposal guidelines are intended for the disposal of catalog-size quantities only.

This material may be disposed of as an inert solid waste. Contract with a licensed waste disposal service.

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiration Protection (Specify Type) None required in normal laboratory handling. At elevated temperatures approaching boiling point work in ventilation hood or wear a NIOSH/MSHA approved respirator.

Ventilation
Local Exhaust: None needed. Special: No.
Mechanical (General): None needed. Other: No.

Protective Gloves Cloth gloves. **Eye Protection** Chemical safety glasses.

Other Protective Equipment Lab coat, apron, proper gloves, eye wash station, ventilation hood.

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing
Store in a cool, dry place. Wash thoroughly after handling. Remove and wash contaminated clothing.
Keep container tightly closed when not in use.

Other Precautions Read label on container before using. Do not wear contact lenses when working with chemicals.

Avoid contact with skin or eyes.
Remove and wash contaminated clothing.

For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

Revision No. 4 Date 4/26/99 Approved Michael Raszeja
Chemical Safety Coordinator MR

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SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	SILICONE CULTURE GUM	 CHEMTREC 800-424-9300 Day 716-226-6177 NFPA HAZARD RATING LEAST SLIGHT MODERATE HIGH EXTREME 0 1 2 3 4 HMIS *
Chemical Synonyms	Polydimethylsiloxane, Silicone Polymer	
Formula	Mixture.	
Unit Size	up to 2.5 Kg.	
C.A.S. No.	9016-00-6	

SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Silicone Culture Gum	100%	None established.
CAUTION! CONTACT WITH EYES MAY CAUSE IRRITATION.		

SECTION III PHYSICAL DATA

Melting Point (°F)	N/A	Specific Gravity (H ₂ O = 1)	0.98
Boiling Point (°F)	>260°C (>500°F)	Percent Volatile by Volume (%)	Less than 1%
Vapor Pressure (mm Hg)	N/A	Evaporation Rate (=1)	N/A
Vapor Density (Air=1)	N/A		
Solubility in Water	Insoluble.		
Appearance & Odor	Clear, odorless solid.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	>150°C (>300°F) (PMCC)	Flammable Limits in Air % by Volume	N/A	Lower	Upper
Extinguisher Media	All standard firefighting media.				

SPECIAL FIREFIGHTING PROCEDURES

In fire conditions, wear a NIOSH/MSHA approved, self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

UNUSUAL FIRE AND EXPLOSION HAZARDS

None known.

D.O.T. NON-REGULATED.

Approved by U.S. Department of Labor "essentially similar" to form OSHA-20