

MATERIAL SAFETY DATA SHEET

2A269

= 2SF40 =

I. PRODUCT IDENTIFICATION

Product Name: 50ML 242 W.W. (GRAINGER)  
 Item No.: 17980  
 Product Type: Anaerobic  
 Formula No.: Does not apply

II. COMPOSITION

Ingredients	CAS No.	%
Polyglycol Dimethacrylate	25852-47-5	60-65
Polyglycol oleate	9004-96-0	25-30
SACCHARIN*	81-07-2	3-5
CUMENE HYDROPEROXIDE*	80-15-9	1-3
METHYL ALCOHOL*	67-56-1	1-3
SILICA, AMORPHOUS (FUMED)	112945-52-5	1-3
N,N-Dialkyltoluidines	613-48-9	0.1-1
TITANIUM DIOXIDE	13463-67-7	0.1-0.5

\* This component is listed as a SARA Section 313 Toxic Chemical.

III. CHEMICAL AND PHYSICAL PROPERTIES

Vapor Pressure: Less than 5mm at 80°F  
 Vapor Density: Not Available  
 Solubility in Water: Slight  
 Specific Gravity: 1.1 at 75°F  
 Boiling Point: Greater than 300°F  
 Volatile Organic Compound (ASTM D2369) Not available  
 Evaporation Rate (Ether = 1) Not available  
 pH: Not applicable  
 Appearance: Blue liquid  
 Odor: Mild

IV. FLAMMABILITY AND EXPLOSIVE PROPERTIES

Flash Point: More than 200°F Method: Tag closed cup  
 Estimated NFPA Code: 1  
 Health Hazard: 1  
 Fire Hazard: 1  
 Reactivity Hazard: 1  
 Specific Hazard: Does not apply  
 Estimated HMIS Code: 1  
 Health Hazard: 1  
 Flammability Hazard: 1  
 Reactivity Hazard: 1  
 Personal Protection: See Section X.  
 Explosive Limits: Not Applicable  
 (% by volume in air) Lower Not Applicable  
 (% by volume in air) Upper Not Applicable  
 Recommended Extinguishing Agents: Carbon dioxide, foam, dry chemical  
 Hazardous Products Formed by Fire or Thermal Decomp Irritating organic vapors  
 Unusual Fire or Explosion Hazards: None  
 Compressed Gases: None  
 Pressure at Room Temp.: Does not apply

V. SPILL OR LEAK AND DISPOSAL PROCEDURES

Steps to be taken in case of spill or leak: Soak up in an inert absorbent. Store in a partly filled, closed container until disposal.  
 Recommended methods of disposal: Incinerate following EPA and local regulations.

VI. STORAGE AND HANDLING PROCEDURES

Storage: Store below 110°F to preserve shelf life.  
 Handling: Avoid prolonged skin contact. Keep away from eyes

VII. SHIPPING REGULATIONS

Type or Class DOT: ORM-E {>555 lbs.}  
 IATA: ORM-E {>555 lbs.} in U.S. only  
 Proper Shipping Name DOT: Hazardous substance, liquid, n.o.s. (Hydroperoxide, 1-Methyl-1-phenylethyl- Solution) >555 lbs.  
 IATA: Hazardous substance, liquid, n.o.s (Hydroperoxide, 1-Methyl-1-phenylethyl- Solution)

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 Item No.: 17980

VII. SHIPPING REGULATIONS

(continued)

Identification Number: >555 lbs. in U.S. only  
 DOT: NONE NA 9188 >555lbs  
 IATA: None

VIII. REACTIVITY DATA

Stability: Stable  
 Hazardous Polymerization: Will Not Occur  
 Hazardous Decomposition Products (non-thermal): None  
 Incompatibility: None

IX. EMERGENCY TREATMENT PROCEDURES

Ingestion: Do not induce vomiting. Keep individual calm. Obtain medical attention  
 Inhalation: Not Applicable  
 Skin Contact: Wash thoroughly with soap and water  
 Eye Contact: Flush at least 15 minutes with water. Obtain medical attention.

X. PERSONAL PROTECTION

Eyes: Safety Glasses or Goggles Recommended.  
 Skin: Rubber or Plastic Gloves Recommended.  
 Ventilation: Does not apply

XI. HEALTH HAZARD DATA

Toxicity: Oral LD50 greater than 10000 mg/kg.  
 Dermal LD50 greater than 5000 mg/kg.  
 Primary Routes of Entry: Not Available  
 Signs and Symptoms of Exposure: May cause dermatitis on prolonged contact in sensitive individuals  
 Existing Conditions Aggravated by Exposure: None known

Exposure Limits	ACGIH (TLV)	OSHA (TLV)	OTHER
Ingredients			
Polyglycol Dimethacrylate	None	None	None
Polyglycol oleate	None	None	None
SACCHARIN	None	None	None
CUMENE HYDROPEROXIDE	None	None	None
METHYL ALCOHOL	200ppm TWA skin	200ppm TWA skin	None
	262 mg/m3 skin	262 mg/m3 skin	
SILICA, AMORPHOUS (FUMED)	10 mg/m3 TWA	6 mg/m3 TWA	None
N,N-Dialkyltoluidines	None	None	None
TITANIUM DIOXIDE	10 mg/m3 dust	10 mg/m3 dust	None

Ingredients	Literature Referenced Target Organ and Other Health Effects	Carcinogen		
		NTP	IARC	OSHA
Polyglycol Dimethacrylate	ALG	NO	NO	NO
Polyglycol oleate	IRR	NO	NO	NO
SACCHARIN	MUT	YES	2B	NO
CUMENE HYDROPEROXIDE	MUT	NO	NO	NO
METHYL ALCOHOL	GAS IRR NER OCU	NO	NO	NO
SILICA, AMORPHOUS (FUMED)	BLO	NO	N/A	NO
N,N-Dialkyltoluidines	No Data	NO	NO	NO
TITANIUM DIOXIDE	IRR	NO	NO	NO

Abbreviations

N/A Not Applicable  
 ALG Allergen  
 GAS Gastrointestinal  
 MUT Mutagen  
 OCU Ocular  
 2B Possibly carcinogenic to humans  
 BLO Blood  
 IRR Irritant  
 NER Nervous System

XII. PREPARATION INFORMATION

Prepared By: Stephen Repetto  
 Title: Research Chemist, Environmental Health & Safety  
 Company: Loctite Corp., 705 N. Mt. Rd, Newington, CT 06111  
 (24hr.) Phone: (203) 278-1280  
 Revision Date: January 02, 1991  
 Revision: 0011