PERMATEX INDUSTRIAL CORPORATION 30 TOWER LANE
AVON, CONNECTICUT 06001
TELEPHONE: (203) 677-7727

Interstate Valve

ISSUED 9/11/90
20:47:37

MATERIAL SAFETY DATA SHEET

New

10 775

PTX 81788

I. PRODUCT IDENTIFICATION

Product Name:	Lock Nuts(TM) Removable Threadlocker
Item No.:	81788
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:		
Health Hazard:	0	
Fire Hazard:	1	
Reactivity Hazard:	1	
Specific Hazard:	Does not apply	
Estimated HMIS Code:		
Health Hazard:	1	
Flammability Hazard:	1	
Reactivity Hazard:	1	
Personal Protection:	See Section X.	
Explosive Limits:		
(% 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)

Product Name: Lock Nuts(TM) Removable Threadlocker
Item No.: 81788

VII. SHIPPING REGULATIONS (continued)

>555 lbs. in U.S. only

VIII. REACTIVITY DATA

Stability: Stable
Hazardous Polymerization: Will Not Occur
Hazardous Decomposition Products (non-thermal): None
Incompatability: 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 Ingredients	ACGIH (TLV)	OSHA (TLV)	OTHER
Polyglycol Dimethacrylate	None	None	None
Polyglycol oleate	None	None	None
SACCHARIN	None	None	None
CUMENE HYDROPEROXIDE	None	None	None
METHYL ALCOHOL	200ppm TWA skin 262 mg/m3 skin	200ppm TWA skin 262 mg/m3 skin	None
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	Target Organs	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

Target Organs

ALG Allergen
GAS Gastrointestinal
MUT Mutagen
OCU Ocular
BLO Blood
IRR Irritant
NER Nervous System

Carcinogens

N/A Not Applicable
2B Possibly carcinogenic to humans

XII. PREPARATION INFORMATION

Prepared By: Stephen Repetto
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Revision Date: August 27, 1990 Revision: 0008