

Health	1
Flammability	1
Reactivity	1
Personal Protection	B

HMIS Ratings

BOWMAN DISTRIBUTION MATERIAL SAFETY DATA SHEET

Health	0
Flammability	1
Reactivity	1
Specific Hazard	

NFPA Ratings

SECTION I

PRODUCT NAME HIGH STRENGTH THREAD LOCKER		BOWMAN PART NO. 22805, 22806 (page 1 of 2)
SUPPLIER Bowman Distribution, Barnes Group Inc.		EMERGENCY TELEPHONE NO. (216) 391-7200
ADDRESS 850 East 72nd Street, Cleveland, OH 44103		DATE 9/1/89
HAZARDOUS MATERIAL DESCRIPTION, PROPER SHIPPING NAME, HAZARD CLASS, HAZARD ID NO. (49 CFR 172.101) ORM-E >325 lbs.; ORM-E, liquid, n.o.s. hydroperoxide, 1-methyl-phenylethyl-solution (>325 lbs.)		
ADDITIONAL HAZARD CLASSES (as applicable) Does not apply		
CHEMICAL FAMILY Anaerobic	FORMULA Does not apply	

SECTION II - HAZARDOUS INGREDIENTS

CAS REGISTRY NUMBER	%W	%V	CHEMICAL NAME(S)	OSHA PEL	ACGIH TLV	Other Limits†	Listed as Carcinogen NTP, IARC or OSHA 1910(z) (specify)
25852-47-5	65-70		Polyglycol dimethacrylates	None	None	None	Not listed
39382-25-7	20-25		Bisphenol A fumarate resin	None	None	None	Not listed
81-07-2	3-5		Saccharin	None	None	None	NTP, IARC
80-15-7	2-3		Cumene hydroperoxide*	None	None	None	Not listed
613-48-9	<1		N,N-dialkyltoluidines	None	None	None	Not listed

ALL CHEMICAL COMPOUNDS MARKED WITH AN ASTERISK () ARE TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA) OF 1986 AND 40 CFR PART 372.
†Est. Oral LD 50>5000 mg/kg; Est. Dermal LD 50>2000 mg/kg

SECTION III - PHYSICAL DATA

BOILING POINT >300 °F _____ °C	SPECIFIC GRAVITY (H ₂ O = 1) 1.10 @ 80°F	
VAPOR PRESSURE @ 80 °F _____ °C <input checked="" type="checkbox"/> mm Hg <input type="checkbox"/> psi	PERCENT VOLATILE BY VOLUME (%) <5	PERCENT SOLID BY WEIGHT (%) 25-30
VAPOR DENSITY (AIR = 1) Unknown	EVAPORATION RATE (Ether = 1) Not available	
SOLUBILITY IN WATER Slight	PH = Not applicable	
APPEARANCE AND ODOR Red liquid, mild odor	MATERIAL IS: LIQUID	

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT >200 X °F _____ °C	method used T.C.C.	FLAMMABLE LIMITS N.A.	LEL N.A.	UEL N.A.
EXTINGUISHING MEDIA CO₂, Foam, Dry Chemical				
SPECIAL FIRE FIGHTING PROCEDURES None				
UNUSUAL FIRE AND EXPLOSION HAZARDS None				

SECTION V - HEALTH HAZARD DATA

HEALTH HAZARDS (ACUTE AND CHRONIC - INCLUDE TARGET ORGAN EFFECTS) May cause dermatitis on prolonged contact in sensitive individuals. Polyglycol dimethacrylate - allergen; Saccharin-mutagen; Cumene hydroperoxide-mutagen.	
CONDITIONS TO AVOID None	
SIGNS AND SYMPTOMS OF OVEREXPOSURE May cause dermatitis on prolonged contact in sensitive individuals.	
PRIMARY ROUTES OF ENTRY Inhalation <input type="checkbox"/> Skin Contact <input type="checkbox"/> Other (specify) _____ Not available	
EMERGENCY AND FIRST AID PROCEDURES Ingestion: Do not induce vomiting. Keep individual calm. Obtain medical attention. Inhalation: Does not apply. Skin contact: Flush with water. Eye contact: Flush with water.	
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE None known	

SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	Does not apply.
INCOMPATIBILITY (materials to avoid) None			
HAZARDOUS DECOMPOSITION PRODUCTS: None			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	Does not apply

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Soak up in an inert absorbent. Store in a partly filled, closed container until disposal.	
WASTE DISPOSAL METHOD Incinerate in accordance with EPA and local regulations.	
CERCLA (Superfund) REPORTABLE QUANTITY (in lbs.) >390 lbs.	
RCRA HAZARDOUS WASTE NO. (40 CFR 261.33) Does not apply	
VOLATILE ORGANIC COMPOUND (VOC) as packaged, minus water 70-75%	<input checked="" type="checkbox"/> Theoretical <u>approx. 8.9</u> lb/gal <input type="checkbox"/> Analytical _____ lb/gal

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (specify type) Not normally needed		
VENTILATION	LOCAL EXHAUST (specify rate) Not normally necessary	SPECIAL
	MECHANICAL (general) (specify rate)	OTHER
PROTECTIVE GLOVES (specify type) Rubber or plastic	EYE PROTECTION (specify type) Safety glasses or goggles	
OTHER PROTECTIVE EQUIPMENT Not normally needed		

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Store below 110°F to preserve shelf life. Avoid prolonged skin contact.	
OTHER PRECAUTIONS None	