

# BOWMAN DISTRIBUTION MATERIAL SAFETY DATA SHEET

## SECTION I

PRODUCT NAME <b>SLH ADHESIVE/SEALANT (CLEAR)</b>		BOWMAN PART NO. <b>21528</b> (page 1 of 2)
SUPPLIER <b>Bowman Distribution, Barnes Group Inc.</b>		EMERGENCY TELEPHONE NO. <b>(216) 391-7200</b>
ADDRESS <b>850 East 72nd Street, Cleveland, OH 44103</b>		DATE <b>1/15/87</b>
HAZARDOUS MATERIAL DESCRIPTION, PROPER SHIPPING NAME, HAZARD CLASS, HAZARD ID NO. (49 CFR 172.101) <b>Caulking Compound N.O.I., Flammable Liquid, UN 1993</b>		
ADDITIONAL HAZARD CLASSES (as applicable) <b>None</b>		
CHEMICAL FAMILY <b>Rubber Sealant</b>	FORMULA <b>Mixture</b>	

## SECTION II - HAZARDOUS INGREDIENTS

CAS REGISTRY NO.	%W	%V	CHEMICAL NAME(S)	TLV PPM Mg/M <sup>3</sup>	Listed as a Carcinogen in NTP, IARC or OSHA 1910(z) (specify)
110-19-0	6		Isobutyl Acetate	150 —	No
8032-32-4	11		VM&P Naptha	300 —	No
108-88-3	21		Toluene	100 —	No
7631-86-9	4		Silica	— 5	No

## SECTION III - PHYSICAL DATA

BOILING POINT <u>231</u> °F <u>  </u> °C		SPECIFIC GRAVITY (H <sub>2</sub> O = 1)	<b>.94</b>		
VAPOR PRESSURE <u>30</u> @ <u>  </u> °F <u>29</u> °C <input type="checkbox"/> mm Hg <input type="checkbox"/> psi		PERCENT VOLATILE BY VOLUME (%)	<b>42.2</b>	PERCENT SOLID BY WEIGHT (%)	<b>58.3</b>
VAPOR DENSITY (AIR = 1)	<b>+1</b>	EVAPORATION RATE ( EAc = 1) <b>Not Determined</b>			
SOLUBILITY IN WATER	<b>Nil</b>	pH =	<b>N.A.</b>		
APPEARANCE AND ODOR <b>Clear, Strong Solvent Odor</b>				MATERIAL IS: <b>PASTE</b>	

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT <u>52</u> °F <u>  </u> °C	method used	FLAMMABLE LIMITS	LEL <b>.9</b>	UEL <b>N.A.</b>
EXTINGUISHING MEDIA <b>Dry chemical or foam</b>				
SPECIAL FIRE FIGHTING PROCEDURES <b>Water may be used to cool and protect exposed containers.</b>				
UNUSUAL FIRE AND EXPLOSION HAZARDS <b>Closed containers may explode when exposed to heat or fire.</b>				

## SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE - Conditions to avoid Drowsiness, dizziness, headache, nausea. Contact can cause dermatitis, blurred vision, tearing of eyes. Inhalation, skin or eye contact and/or ingestion may cause vomiting, diarrhea, central nervous system depression, anesthetic effector or narcosis, difficulty of breathing, blood abnormalities, corneal injury, liver damage, kidney damage.	THRESHOLD LIMIT VALUE    Isobutyl Acetate 150 PPM PERMISSIBLE EXPOSURE LIMIT    Toluene 100 PPM OTHER LIMIT
PRIMARY ROUTES OF ENTRY    Inhalation <input checked="" type="checkbox"/> Skin Contact <input checked="" type="checkbox"/> Other (specify)	
EMERGENCY AND FIRST AID PROCEDURES Inhalation - remove to fresh air. Restore and support breathing. Get emergency medical attention. Skin contact - wash-off with soapy water. Eye contact - flush with water for at least 15 minutes. Get emergency medical treatment. If swallowed - obtain medical treatment.	

## SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID Elevated temperatures
	STABLE	X	Contact with oxidizing agents
INCOMPATIBILITY (materials to avoid) Oxidizers, Acids, Bases, Amines			
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

## SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Eliminate sources of ignition. Ventilate area. Evacuate all unnecessary personnel.	
WASTE DISPOSAL METHOD Dispose in accordance with all applicable regulations.	
CERCLA (Superfund) REPORTABLE QUANTITY (in lbs) Unknown	
RCRA HAZARDOUS WASTE NO. (40 CFR 261.33) Unknown	
VOLATILE ORGANIC COMPOUND (VOC) (as packaged, minus water)	<input checked="" type="checkbox"/> Theoretical <u>2.9</u> lb/gal <input type="checkbox"/> Analytical _____ lb/gal    (see theoretical)

## SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (specify type) OSHA Stand. 29 CFR 1910.134 NIOSH/MSHA Approved Respirator.		
VENTILATION	LOCAL EXHAUST (specify rate) Provide dilution.	SPECIAL None required
	MECHANICAL (general) (specify rate) Sufficient to stay below TLV level.	OTHER None required
PROTECTIVE GLOVES (specify type) Impervious		EYE PROTECTION (specify type) Safety glasses or goggles.
OTHER PROTECTIVE EQUIPMENT Eye wash, safety shower.		

## SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Store below 80°F. Keep away from heat, sparks and open flames.	
OTHER PRECAUTIONS Use only with adequate ventilation. do not take internally. keep out of reach of children. Avoid contact with skin and eyes, and breathing of vapors.	