MATERIAL SAFETY DATA SHEET \*\* 

Information Phone # : (800)-347-4583

Latest Revision Date...11/11/92 Print Date.....12/29/92

MULTIBOND MASTIC (3172) EMERGENCY PHONE NUMBER: 1-614-445-1441

	A72 223	
SECTION 1	PRODUCT	IDENTIFICATION
PRODUCT NAME	•••••	Solvent mastic: Rubber, resin and rein-
MFG.CODE	• • • • • •	persed in flammable solvent, (paste).

DIVISION..... Construction Adhesives & Sealants

콯뫍쿋륟뿣쿋뢷쏲排쿋뿄쓁좥껠쇖훽쿋퀔뿄콯롲쓅돧꿡끣뀰뫢꺴괱멾뫢곘꺴쬳핕쬈퍉概쪞봒괳됮쾓팶排쿋컜묨롲묨뱮æ뱮æ뱮æ뱮æ컜æ뱮쿋뛖됮뱮묨뛖

SECTION 2	HAZARDOUS INGREDIENTS
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CHEMICAL NAME(S)	CAS NUMBER	NT F	OSHA TWA OSHA Caili	ng OSHA STRI.	ACGIH TLV	ACGIH STEL	SEC.313
HEYANE	110-54-3	24	50 ppa HA	HA HA	50 ppm		
CRYSTALLINE SILICA	14808-60-7	8.88	••		•••	NA.	No
			.1 mg/m3 NA	ra	.1 mg/m3	na	Ro
CTCMTAN 3							

#### SECTION 3 PHYSICAL DATA (TYPICAL)

BOILING POINT..... 156°F VAPOR DENSITY (Air = 1).....>1 SOLUBILITY IN WATER..... Nil SPECIFIC GRAVITY (HOH = 1)..... 1.2 PERCENT VOLATILE (Wt.%)..... 24 EVAPORATION RATE (ETHER = 1).... <1 pH..... NA APPEARANCE..... Mastic (paste)

ODOR..... Mild solvent odor 

### SECTION 4 FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Test Method)..... Below 0°F (Setaflash) FLAMMABILITY LIMITS..... LEL = 1.2

UEL = 7.5

EXTINGUISING MEDIA..... Foam, dry chemical, CO2, water spray or

fog

SPECIAL FIRE FIGHTING PROCEDURES Water may be ineffective. If water must be

used, then use fog or spray nozzles. Water

may be used to cool drums near fire. UNUSUAL FIRE & EXPLOSION HAZARDS

Solvent vapor may cause flash fire and explosion. Keep containers tightly closed

when not in use.

# MULTIBOND MASTIC (3172)

ROUTES OF ENTRY	INGESTION: Yes INHALATION: Yes SKIN: No		
POSSIBLE EFFECTS OF EXPOSURE	onen. No		
SKIN CONTACT	Will not be absorbed through the skin. Prolonged or repeated contact can cause dermatitis and/or defatting of skin.		
EYE CONTACT	Irritation, blurred vision, redness of eyes, tearing of eyes		
INHALATION	Dizziness, staggering gait, light headed-		
•	headache, confusion, nausea, anesthetic effects, central nervous system depression. Overexposure could cause death.		
INGESTION	Gastrointestinal irritation, nausea, vom- iting, diarrhea		
MEDICAL CONDITIONS AGGRAVATED BY	<b>,</b> ,		
EXPOSURE	Heart, lung and kidney conditions may be		
CARCINOGENICITY	aggravated by inhalation.  IARC Monographs: Yes  NTP: Yes		
	OSHA Regulated: No ACGIH: No		
NOTE	The carcinogenicity status of this product has not been determined. The carcinogenicity "yes" responses refer to Benzene; occasionally present as a contaminant of Hexane. Pursuant to the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65); Benzene is included in the January 1, 1988 listing of chemicals known to the state of California to cause cancer or reproductive toxicity. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous sys tem damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.		
SECTION 6 EMERGENCY AND	FIRST AID PROCEDURES		
*CONSULT PHYSICIAN IN ALL CASES* SKIN	Wash with soap and water. Apply moisturiz-		
EYES	ing lotion. Rinse with running water for fifteen		
INGESTION	minutes.		
INHALATION	Do not induce vomiting. Remove patient from vapor area. Administer oxygen if breathing is labored. Apply artificial respiration if breathing has stopped.		

# MULTIBOND MASTIC (3172)

MODITIOND PASTIC (31/2)				
SECTION 7 REACTIVITY DATA				
PRODUCT STABILITY.  Conditions to Avoid  CHEMICAL INCOMPATIBILITY.  HAZARDOUS DECOMPOSITION PRODUCTS  HAZARDOUS POLYMERIZATION.  Conditions to Avoid.	<ul> <li>Heat, sparks, open flame</li> <li>Water based materials</li> <li>Carbon monoxide in the case of incomplete burning</li> <li>Will not occur</li> <li>NA</li> </ul>			
	ROTECTION INFORMATION			
•	Wear suitable NIOSH/MSHA approved respira-			
	At point where product is dried. Otherwise standard plant ventilation. Yes			
PROTECTIVE GLOVES	Where repeated and prolonged contact can occur, the use of impervious gloves is recommended			
EYE PROTECTION	Safety glasses with side shields or safety goggles			
OTHER PROTECTIVE EQUIPMENT	As indicated for specific application from data above for precaution toward fire and vapor inhalation overexposure.			
SECTION 9 SPILL O	R LEAK PROCEDURES			
SPILL OR LEAK PROCEDURES	Remove, disconnect or extinguish all sources of ignition. Ventilate area. Return material to container or other suitable waste container (which is able to be closed). If spill is cleaned up with solvents, use proper precaution in that event			
WASTE DISPOSAL METHOD	for the clean up solvent used. Do not incinerate in closed containers.  Disposal of product should comply with all applicable federal, state and local regulations.			
CONTAINER DISPOSAL	Disposal of container should comply with all applicable federal, state and local regulations.			
ORGERTAL AS	AL PRECAUTIONS			
	Do not store above 110°F. Store large quantities in buildings designed and protected for storage of NFPA Class 1-B flammable materials.			
KEEP FROM FREEZING KEEP OUT OF REACH OF CHILDREN	NA Yes			

# MULTIBOND MASTIC (3172)

Clay 1332-58-7  Polymerized rosin 65997-05-9  Styrene-butadiene rubber 9003-55-8  Amorphous silica 68055-54-9  Hexane 110-54-3  The following statement is made in order to comply with the California Safe Drinking Water and Toxic Enforcement Act of 1986: This product may contain the following chemicals, "known to the State to cause cancer":  crystalline silica (8.881%), 1,3 butadiene (.0001038%) and benzene (.01287%).  CALIFORNIA RULE 1168  Calculated VOC = 278 g/l  HMIS RATING  Health  Flammability  Reactivity  Protective Equipment  See Section 8	ECTION 11 REGULA	REGULATORY INFORMATION		
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HMIS RATING Health 2 Flammability 3 Reactivity 0		1,3 butadiene (.0001038%)	18).	
Flammability 3 Reactivity 0	CALIFORNIA RULE 1168	Calculated VOC = 278 g/l		
		Flammability Reactivity Protective Equipment	0 See Section 8	

## SECTION 12

## SUPPLIER INFORMATION

Motice: While the information and recommendations set forth herein are believed to be accurate as of the data hereof, Franklin International makes no warranty express or implied, with respect thereto and disclaims all liability from reliance thereon.