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Division: Consumer

Date: 4/80 (Revised 9/87)

SECTION I - IDENTIFICATION

Product Name: Franklin Titebond Construction Adhesive

Chemical Family Description: Solvent Mastic: Rubber, resin and reinforcing inert material dissolved or dispersed in flammable solvent, (paste).

Mfg. Code: 3142

SECTION II - HAZARDOUS INGREDIENTS

% BY WEIGHT	HEXANE	TOLUENE	ACETONE
	(CAS#110-54-3)	(CAS#108-88-3)	(CAS#67-64-1)
	10	7	10
OSHA PEL TWA	500 ppm	200 ppm	1000 ppm
OSHA PEL CEILING	NE @	300 ppm	NE @
OSHA PEL PEAK *	NE @	500 ppm	NE @
ACGIH TLV TWA	50 ppm	100 ppm	750 ppm
ACGIH STEL **	NE @	150 ppm	1000 ppm

* 10 minute exposure limit ** 15 minute exposure limit @ Not established

SECTION III - PHYSICAL DATA

Boiling Point (°F): Acetone/Hexane Azeotrope = 121
 Typical Vis. (cps): 130 M Specific Gravity (H₂O = 1): 1.1
 Vapor Density (Air = 1): >1 Percent Volatile (Wt. %): 28
 Solubility in Water: Nil Evaporation Rate (Ether = 1): <1
 Appearance and Odor: Mastic (paste) with mild solvent odor. pH: N/A

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (method used): Below 0°F (Setaflash)

Flammable Limits: Lel= 1.2 Uel= 12.8

Extinguishing 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 and Explosion Hazards: Solvent vapor may cause flash fire and explosion. Keep containers tightly closed when not in use.

SECTION V - HEALTH HAZARD DATA

Threshold Limit Value: 50 ppm

Route(s) of Entry Ingestion: Yes
 Inhalation: Yes
 Skin: No

Health Hazards (Acute & Chronic): **INGESTION** - *Acute*: gastrointestinal irritation; *chronic*: not known. **INHALATION** - *Acute*: Anesthetic effects; overexposure could cause unconsciousness and death; *chronic*: not known. **SKIN** - will not be absorbed through skin. *Acute*: irritation.

Carcinogenicity IARC Monographs: No
 NTP: No
 OSHA Regulated: No

Signs & Symptoms of Exposure: **INGESTION**: gastrointestinal irritation. **INHALATION**: dizziness, staggering gait, light headedness headache, confusion, nausea, unconsciousness. **SKIN**: irritation.

Medical Conditions Generally Aggravated by Exposure: Heart, Lungs and Kidney conditions may be aggravated by inhalation.

Emergency and First Aid Procedures: Consult Physician in all cases.
INGESTION: Do not induce vomiting. **INHALATION**: Remove patient from vapor area. Administer oxygen if breathing is labored. Apply artificial respiration if breathing has stopped. **EYE CONTACT**: Rinse with running water for fifteen minutes. **SKIN CONTACT**: Wash with soap and water. Apply moisturizing lotion.

SECTION VI - REACTIVITY DATA

Stability - Stable: Yes

Unstable: ---

Conditions to Avoid: Heat, Sparks, Open Flame.

Incompatibility (Materials to Avoid): Water Base Materials.

Hazardous Polymerization - May Occur: ---

Will Not Occur: Will Not

Conditions to Avoid: Not Applicable.

Hazardous Decomposition Products: Carbon monoxide in the case of incomplete burning.

SECTION VII - SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled (Disposal of container or contents should comply with all applicable federal, state and local regulations): 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 caution in that event for clean up solvent used. Do not incinerate in closed containers.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection (Wear Suitable NIOSH/MSHA Approved Respirator Where Exposure Limits are Exceeded): Refer to Section II for Limits

Ventilation - Local Exhaust: Standard plant ventilation; especially at point where product is dried.

(Required) Mechanical (General): Yes

Special: No

Other: No

Protective Gloves: Impervious

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 IX - SPECIAL PRECAUTIONS

Precautions to be Taken in Handling and Storing: Do not store above 110°F. Store large quantities in buildings designed and protected for storage of NFPA Class 1-B flammable materials.

KEEP OUT OF REACH OF CHILDREN.

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