Franklin International /2020 Bruck St./Columbus, Ohio 43207
Telephone: 614-443-0241/445-1411 (after hours)

Division: Consumer                      Date: 2/87(Revised 11/90)

SECTION I - IDENTIFICATION

Product Name: Franklin Ceramic Wall Tile Adhesive
Chemical Family Description: Latex and Resin Polymer dispersed in water with inert reinforcing material.
Mfg. Code: 3421

SECTION II - HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th></th>
<th>TOLUENE</th>
<th>VM&amp;P NAPTHA</th>
<th>NAPTHOL SPIRITS</th>
<th>ETHYLENE GLYCOL</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS#</td>
<td>108-88-3</td>
<td>8032-32-4</td>
<td>90-15-3</td>
<td>107-21-1</td>
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</tbody>
</table>

% BY WEIGHT
OSHA TWA       100 ppm  300 ppm  500 ppm  NE *
OSHA CEILING    300 ppm  NE *    50 ppm   NE *
OSHA STEL **    150 ppm  NE *    NE *    NE *
ACGIH TLV TWA   100 ppm  NE *    ^50 ppm  NE *
ACGIH STEL **   150 ppm  NE *    NE *    NE *
NIOSH          NE *    300 ppm  NE *    NE *
SARA Sect. 313  YES    NO        NO      YES

Calculated VOC (less water) = 222 g/l

^ Ceiling limit  ** 15 minute exposure limit  * Not established

SECTION III - PHYSICAL DATA

Boiling Point (deg.F): ca 212
Typical Vis. (cps): 250,000
Vapor Density (Air = 1): >1
Solubility in Water: Miscible in Water
Appearance and Odor: Cream, light bodied mastic with mild odor.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (method used): 86 (deg.F) (Setaflash) >150 (deg.F) (Tag Open Cup)
Flammable Limits: LeL=Not Established UEL=Not Established
Extinguishing Media: Dry Chemical, CO2, Water fog
Special Fire Fighting Procedures: Wear MESA/NIOSH approved self contained breathing apparatus (schedule 13).
Unusual Fire and Explosion Hazards: None known
SECTION V - HEALTH HAZARD DATA

Threshold Limit Value: Not Established
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: Temperatures below 0 (deg.F).
Incompatibility (Materials to Avoid): Strong acids or alkalis will coagulate material.
Hazardous Polymerization - May Occur: ---
Will Not Occur: Will not

Conditions to Avoid: N/A
Hazardous Decomposition Products: Oxides of carbon when burned.

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): If product has dried, scrape up and place in approved container for disposal. Wet product should be scraped up and disposed of in accordance with federal, state and local regulations for hazardous waste.
SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection (Wear Suitable NIOSH/NSHA 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.

Mechanical (General): Yes
Special: No
Other: No

Protective Gloves: Impervious gloves

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 below 0 (deg.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 data hereof, Franklin International makes no warranty express or implied, with respect thereto and disclaims all liability from reliance thereon.