**MATERIAL SAFETY DATA SHEET**

Information Phone #: (800)-347-4583

FRANKLIN INTERNATIONAL
2020 BRUCK STREET
COLUMBUS, OH 43207

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MULTIBOND MASTIC (3172)

SECTION 1

PRODUCT IDENTIFICATION

PRODUCT NAME.......................... MULTIBOND MASTIC
CHEMICAL FAMILY...................... Solvent mastic: Rubber, resin and reinforcing inert material dissolved or dispersed in flammable solvent; (paste).
MFG. CODE............................... 3172
SALES CODE(S).......................... 5601, 5602, 5607
DIVISION................................ Construction Adhesives & Sealants

SECTION 2

HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>CHEMICAL NAME(S)</th>
<th>CAS NUMBER</th>
<th>WT</th>
<th>OSHA TWA</th>
<th>OSHA Ceiling</th>
<th>AGREE TWA</th>
<th>AGREE Ceiling</th>
<th>SRC. 313</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETHANE</td>
<td>110-54-3</td>
<td>24</td>
<td>50 ppm</td>
<td>NA</td>
<td>50 ppm</td>
<td>NA</td>
<td>No</td>
</tr>
<tr>
<td>CRISTALLINE SILICA</td>
<td>14808-60-7</td>
<td>8.88</td>
<td>.1 sq/ft</td>
<td>NA</td>
<td>.1 sq/ft</td>
<td>NA</td>
<td>No</td>
</tr>
</tbody>
</table>

SECTION 3

PHYSICAL DATA (TYPICAL)

BOILING POINT.............. 156°F
VISCOITY (cps.)........... 140,000
VAPOR DENSITY (Air = 1).... >1
SOLUBILITY IN WATER........ N/A
SPECIFIC GRAVITY (H2O = 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
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 & EXPLOSION HAZARDS
Solvent vapor may cause flash fire and explosion. Keep containers tightly closed when not in use.
SECTION 5

HEALTH HAZARD DATA

ROUTES OF ENTRY

INGESTION: Yes
INHALATION: Yes
SKIN: No

POSSIBLE EFFECTS OF EXPOSURE

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 headedness, severe lung irritation or damage, headache, confusion, nausea, anesthetic effects, central nervous system depression. Overexposure could cause death. Gastrointestinal irritation, nausea, vomiting, diarrhea

INGESTION

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

Heart, lung and kidney conditions may be aggravated by inhalation.

CARCINOGENICITY

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 system 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 moisturizing lotion.

EYES

Rinse with running water for fifteen minutes.

INGESTION

Do not induce vomiting.

INHALATION

Remove patient from vapor area. Administer oxygen if breathing is labored. Apply artificial respiration if breathing has stopped.
MULTIBOND MASTIC (3172)

SECTION 7 REACTIVITY DATA

PRODUCT STABILITY............ Stable
Conditions to Avoid.......... Heat, sparks, open flame
CHEMICAL INCOMPATIBILITY.... Water based materials
HAZARDOUS DECOMPOSITION PRODUCTS Carbon monoxide in the case of incomplete burning
HAZARDOUS POLYMERIZATION.... Will not occur
Conditions to Avoid.......... NA

SECTION 8 SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION....... Wear suitable NIOSH/MSHA approved respirator where exposure limits are exceeded.
VENTILATION - Local Exhaust... At point where product is dried. Otherwise standard plant ventilation.
  - Mechanical (Gen)........ Yes
  - Special................ No
  - Other.................. No
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 OR 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 for the clean up solvent used. Do not incinerate in closed containers.

WASTE DISPOSAL METHOD........ 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.

SECTION 10 SPECIAL PRECAUTIONS

SPECIAL HANDLING.............. 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............ NA
KEEP OUT OF REACH OF CHILDREN... Yes
NEW JERSEY......................... Clay 1332-58-7
Polymerized rosin 65997-05-9
Styrene-butadiene rubber 9003-55-8
Amorphous silica 68055-54-9
Hexane 110-54-3

CALIFORNIA PROPOSITION 65........... The following statement is made in order
to comply with the California Safe Drink-
ing Water and Toxic Enforcement Act of
1986: This product may contain the follow-
ing 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 2
Flammability 3
Reactivity 0
Protective Equipment See Section 8

SECTION 12  SUPPLIER INFORMATION

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.