

JULY, 1998

<p><b>PERMATHERM, INC.</b>                  269 INDUSTRIAL PARK ROAD                  MONTICELLO, GA 31064</p> <p><b>EMERGENCY TELEPHONE NUMBER</b>                  (706-468-7500)</p>	<p><b>EMERGENCY &amp; FIRST AID PROCEDURES.....NONE</b></p>
<p><b>SECTION NOMENCLATURE</b></p> <p>CHEMICAL NAME.....Expanded Polystyrene foam (EPS)                  CHEMICAL FAMILY.....Polystyrene                  FORMULA.....(C<sub>8</sub>H<sub>8</sub>)<sub>n</sub> with flame retardant</p>	<p><b>SECTION VI REACTIVITY DATA</b></p> <p>STABLE.....YES                  INCOMPATIBILITY.....NONE                  HAZARDOUS DECOMPOSITION...NONE                  CONDITIONS TO AVOID.....Do Not Expose to Flame or Other Ignition Source</p>
<p><b>SECTION II HAZARDOUS INGREDIENTS</b></p> <p>None when residual pentane blowing agent is reduced to level described in Section IX.</p>	<p><b>SECTION VII SPILL OR LEAK</b></p> <p>Normal good housekeeping should be observed in properly disposing of scrap material. Dispose of waste in accordance with local ordinances.</p>
<p><b>SECTION III PHYSICAL DATA</b></p> <p>BOILING POINT.....Not Applicable                  SOLUBILITY IN WATER.....None                  DENSITY.....0.75 - 2.0 PCF                  PERCENT VOLATILE (VOL)..0.18% Pentane &amp; Water                  EVAPORATION RATE.....Not Applicable                  APPEARANCE &amp; COLOR.....Rigid Cellular Foam Block or Board, White, No Odor.</p>	<p><b>SECTION VII SPECIAL PROTECTION INFORMATION</b></p> <p>RESPIRATORY PROTECTION ... NONE                  May act as obstruction of swallowed.                  VENTILATION.....None                  PROTECTIVE GLOVES.....None                  EYE PROTECTION.....Safety Glasses recommended to avoid dust if saw is used for fabrication.</p>
<p><b>SECTION IV FIRE AND EXPLOSION</b></p> <p>EXTINGUISHING MEDIA.....Water Fog, CO<sub>2</sub>, Dry Chemical                  SPECIAL FIRE FIGHTING PROCEDURES..None                  UNUSUAL FIRE &amp; EXPLOSION HAZARDS..May Emit Large Volumes of Dense, Black Smoke</p>	<p><b>SECTION IX SPECIAL PRECAUTIONS</b></p> <p>Immediately after molding EPS into blocks the residual blowing agent, pentane, entrapped within the blocks ranges from about 2.0 to 3.0% by weight. The blocks are then stored at room temperature or at elevated temperatures (e.g. &lt; 150° F.) to reduce the entrapped pentane and moisture to less than 1% by weight (0.18% by volume) for dimensional stabilization. The block storage areas must be adequately ventilated to avoid a hazardous build-up of flammable pentane vapors. If the product in block or board form is to be fabricated by hot-wire cutting, work areas should be ventilated to avoid a buildup of processing fumes.</p>
<p><b>SECTION V HEALTH HAZARD</b></p> <p>THRESHOLD LIMIT VALUE.....None                  EFFECTS OF OVEREXPOSURE.....None</p>	