



<p><b>DESCRIPTION</b></p>	<p>StyroPrime is water based acrylic latex rubber coating formulated for fast drying and high adhesion to cut or carved foam surfaces. It is formulated to seal the surface of carved foam prior to the application of StyroSpray 1000 hard coating. StyroPrime limits air bubbles in the hard coating. StyroPrime prevents air bubbles from coming out of carved foam surfaces as the StyroSpray hard coating is being applied; it promotes a smooth bubble free hard coating application when a very smooth surface finish is desired. StyroPrime is not required for adhesion or bonding of the StyroSpray hard coating it is optional and should only be used when a smooth finish surface is desired.</p> <p>StyroPrime demonstrates excellent flexibility over a range of extreme temperatures, even at subzero temperatures. StyroPrime has a balance of elongation and tensile strength properties, which provide resistance to impact damage.</p>
<p><b>APPLICATION AND MIX RATIO</b></p>	<p>StyroPrime is single component water based coating composition providing easy application and clean up with soap and water. For optimum performance, a single coat should be applied minimum thickness of 7 dry mils is required. The application rate of 6 dry mils is approximately 1 gallon per 75 square feet. StyroPrime may also be brushed or rolled on to substrate. StyroPrime must be allowed to dry over night before application of the StyroSpray 1000 hard coating.</p> <p>For StyroPrime, thinning is not normally required. The dry time will be longer in high humidity, cooler temperatures and greater film thickness. Use tap water to clean equipment. Do not apply when ambient air temperature drops below 50°F. Do not store shipping containers below 45°F. Also, do not allow coating to freeze before fully drying.</p>
<p><b>WORKING PROPERTIES</b></p>	<p>Mix Ratio By weight N/A          Mix Ratio By volume N/A          Viscosity @ 72°F 500 CPS          Color White          Cure Time* @ 72°F 24 hours          * Cure time depends on temperature and relative humidity.</p>
<p><b>PHYSICAL PROPERTIES</b></p>	<p>Specific Gravity: 1.33          Weight/Gallon 11.10 lbs.          Coverage at 30 mil thickness per gallon 53.47 sq. ft.          Tear Strength ASTM D-624-98 105 lb./in.          Tensile Strength ASTM D-412-97 580 psi          Elongation ASTM D-412-97 140%          Tensile Modulus ASTM D-412-97 570 psi</p>
<p><b>CLEAN UP</b></p>	<p>Dispose of all empty StyroPrime component containers in accordance with local, state and federal regulations. Dispose of as a non-hazardous solid waste.</p>
<p><b>STORAGE AND SHELF LIFE</b></p>	<p>StyroPrime should be stored in the original, unopened containers in temperatures between 45°F and 80°F. Shelf life of material when kept in unopened sealed containers at the recommended storage temperature is 12 months. Containers should not be opened until ready for immediate use. StyroPrime will be damaged if frozen. Do not store material at temperatures below 45°F. Do not ship in winter months when freezing temperatures may be encountered in transit</p>
<p><b>SHIPPING CLASS</b></p>	<p>Class 55 Non-hazardous</p>