



<b>DESCRIPTION</b>	<p>PureCast 604 is a two component liquid castable polyurethane elastomer that contains no TDI or MOCA. The material when cured, has outstanding physical properties, exhibiting high tensile and tear strength along with exceptional abrasion resistance. It is insensitive to typical environmental moisture and exhibits low shrinkage. PureCast 604 provides the strength and durability of a heat-cured urethane in a simple to use RTV system. It provides you with the ability to cast high strength, flexible urethane parts in urethane or silicone molds. PureCast 604 can be colored with our RV series pigments. We recommend using black or darker colors to prevent color change or applying a UV resistant coating.</p>																																	
<b>MIXING PROCEDURE</b>	<p>PureCast 604 component A (resin) and component B (curative) should be warmed to 100°F before mixing to reduce viscosity and decrease mixing.</p> <p>For batches less than ½ gallon (4.28 lbs.): Mix no more than 1-2% SL Pigment and mix thoroughly with a flat spatula to Component B. Once Component B and pigment are thoroughly mixed add to a clean plastic container the warmed Components A &amp; B (100 A: 31.17 B) by weight and mix thoroughly with a flat spatula.</p> <p>Transfer to another clean container and mix again then pour into the prepared mold. Double mixing removes the possibility of introducing unmixed material into the molded part or coating.</p> <p>For larger batches, mixing should be done an electric drill and Jiffy mixer (available from Industrial Polymers). Never mix more that ½ of the volume of the mixing container to assure enough room to mix the liquid from top to bottom. Always avoid whipping unwanted air into the mixture</p>																																	
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<b>CURING</b>	<p>Although this coating will cure at lower temperatures, better results can be obtained by curing at elevated temperatures. Wait one hour after final coat and begin elevated curing at 120°F over night or 70°F or above for three days for full cure.</p>																																	
<b>CLEAN UP</b>	<p>Dispose of all empty PureCast 604 component containers in accordance with local, state and federal regulations. Empty component containers can be rendered non-hazardous by rinsing the containers with a small amount of mixed material and allowing the solvents to evaporate. The containers will then contain non-hazardous cured urethane.</p>																																	
<b>STORAGE AND SHELF LIFE</b>	<p>PureCast 604 is shipped from the factory in sealed containers. The containers should be stored in a cool, dry area that is protected from direct sunlight and moisture. Storage temperatures should not exceed 80°F. The shelf life of the factory sealed containers stored under these conditions is six months. Containers that have been opened should be resealed immediately after material has been removed in order to prevent solvent evaporation.</p>																																	
<b>SHIPPING CLASS</b>	<p>Class 55 Non-hazardous</p>																																	