

## **P800I PLASTISOL SERIES**

P8001 Grade Plastisol is a 100% solids, free flowing liquid vinyl dispersion with a gel temperature of approximately 170 deg. F. and a fusion temperature of 360 deg. F. After fusing it becomes a tough, flexible coating; resistant to acids, cleaners, plating solutions, petroleum fuels, detergents and salt water. It is an excellent material for dip coating, providing a decorative protective and insulative coating as well as for making molded parts. This type of plastisol is widely used for coating plating racks for the plating industry, tool handles, many types of gaskets, crab pots, and protection for material handling equipment. It has excellent electrical insulation properties.

Where adhesion to metal is needed, QCM Plastisol Primer A 1104 must be used per data sheet. This product is available in various colors. Mostly stocked are black (P8001-901) and an oxide green color (P8704) frequently used by Boeing Co. as a tooling rack protective coating. Meets TPS-58.1 tooling specification.

To remove plastisol from metal parts, use plastisol stripper, MEK (methyl ethyl ketone) or cut and strip plastisol off while parts are hot.

### **PHYSICAL PROPERTIES**

<b>Durometer Hardness:</b>	80 to 90 SHORE A
<b>Tensile Strength:</b>	1100-1800 psi
<b>Elongation is approx:</b>	300 to 400%
<b>Brittle temperature</b>	Tested to -40 deg. - Still flexible.
<b>Specific Gravity :</b>	1.25
<b>Wt/gallon:</b>	9.9 lbs/gallon.
<b>Colors:</b>	Custom colors available
<b>SAFETY</b>	See MSDS

We hereby certify that this material meets the requirements of the BOEING CO. TPS-58. Material should be stored and used in accordance with TPS-58.

*Quality Controlled Manufacturers of INKS, COATINGS, ADHESIVES, & MOLDING VINYLs and EPOXIES*  
Recommendations for the use of this product are based on tests believed to be reliable. However, since the use of this product is beyond our control, no guarantee or warranty of any kind express or implied is made with respect to information presented and QCM Co. assumes no responsibility for the results of the use of this product and processes described.

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