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**RESINS & TACKIFIERS**  
**-PHENOLIC-**

**SP-560 RESIN**

(fka: P-03)

**-TERPENE - PHENOLIC RESIN-**

**PRODUCT DESCRIPTION:**

Sp-560 is a thermoplastic, oil soluble, terpene phenolic resin. This resin is mainly used in adhesives as either the base resin or as a modifying resin in the formulation of polychloroprene cements. It can also be used in hot melt or solution adhesives made from other elastomers where the combination of high tack and high heat performance is desired.

**TYPICAL PROPERTIES:**

Physical Form .....	Flake
Specific Gravity .....	1.10
Softening Point, Ball & Ring, (°C).....	146 - 160
Color, Gardner, 60% in Toluene.....	0 - 12

**SOLUBILITY:**

Soluble in aliphatic and aromatic hydrocarbons, ketones and esters.

**GENERAL RECOMMENDATIONS:**

Polychloroprene cements can be directly formulated from simple mixtures of polychloroprene and SP-560 resin. Such cements display good strength and tack retention properties, but may be deficient in high temperature performance. In order to improve high temperature performance, SP-560 resin may be blended in any proportion with heat reactive resins. The heat resistance of the adhesive formulation increases with the percentage of heat reactive resin, but this will be gained at the expense of decreasing open time. SP-560 is compatible with a variety of drying oils, waxes and synthetic rubbers.

**STORAGE:**

For best results, SP-560 should be stored where temperatures do not exceed 95°F for extended periods of time. As with all phenolic resins, SP-560 will become darker with age.