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## RESINS & TACKIFIERS -PHENOLIC-

### SP-154 RESIN (fka: P-105) -HEAT REACTIVE PHENOLIC RESIN-

#### PRODUCT DESCRIPTION:

SP-154 is a heat reactive phenolic resin that was developed for the formulation of solvent-borne polychloroprene cements.

#### TYPICAL PROPERTIES:

Physical Form .....	Flake
Specific Gravity .....	1.10
Color, Gardner, 60% Solution in Toluene .....	1 – 7
Melting Point, Capillary (°F) .....	160 – 190
Methylol Content (%) .....	8 – 12

#### SOLUBILITY:

SP-154 is soluble in aromatic hydrocarbons and ketones. It is partially soluble in higher alcohols and aliphatic hydrocarbons.

#### GENERAL RECOMMENDATIONS:

SP-154 is used in general purpose and heat-activating contact cements. It provides high heat resistance, high cohesive strength, shorter open time, and light color. This product reacts with an active magnesium oxide, such as ELASTOMAG 170, in solvent solution, forming a salt which greatly increases the heat resistance of the adhesive. It can also be used in formulating adhesives with NBR, SBR, natural and reclaimed rubbers. SP-154 is completely compatible with NBR and CR. It has a compatibility limit of approximately 25 parts by weight in combination with 100 parts by weight of SBR, NR and reclaimed rubbers. Adhesives made using SP-154 have excellent heat resistance, high cohesive strength, and light color. In polychloroprene adhesives, SP-154 increases heat resistance and cohesive strength of the adhesive film.

#### STORAGE:

For best results, SP-154 should be stored where temperatures do not exceed 86°F for extended periods of time. As with all phenolic resins, SP-154 will become darker with age.

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