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RESINS & TACKIFIERS
-PHENOLIC-

SP-103
(formerly P-109 Resin)

PRODUCT DESCRIPTION:

SP-103 is a modified alkylphenol-formaldehyde resin used in making polychloroprene contact cements. The outstanding features of this resin are its light color and ability to extend open time without affecting other properties of the finished adhesive.

TYPICAL PROPERTIES:

Physical Form	Flake
Melting Point, Capillary (°F).....	146 – 158
Color, Gardner, 60% Solution in Toluene	0 – 7
Specific Gravity	1.10
Methylol Content (%)	8 – 11

SOLUBILITY:

SP-103 is soluble in aromatic and aliphatic hydrocarbons, esters, ketones, and partially soluble in higher alcohols.

APPLICATIONS:

SP-103 is extensively used in the preparation of general-purpose and heat-activating polychloroprene cements. It is also used in the formulation of adhesives with NBR, SBR, natural and reclaimed rubbers. SP-103 is completely compatible with polychloroprene and NBR. It has a compatibility limit of approximately 25 parts by weight in combination with 100 parts by weight of SBR, NR and reclaimed rubbers. In polychloroprene contact cements, SP-103 extends tack life, increases the specific adhesion of the film to metal and glass, and increases the cohesive strength of the adhesive film itself.

STORAGE:

For best results, SP-103 should be stored where temperatures do not exceed 86°F for extended periods of time. As with all phenolic resins, SP-103 will become darker with age.

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X-sp-103/p-109

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