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RESINS & TACKIFIERS -PHENOLICS-

P-105 RESIN -HEAT REACTIVE PHENOLIC RESIN-

PRODUCT DESCRIPTION:

An oil soluble, non-phasing, heat reactive phenolic resin of light color.

TYPICAL PROPERTIES:

Form	Flake
Specific Gravity.....	1.10
Color (USDA Resin Scale)	Pale yellowish lumps, or lighter
Solubility.....	Aromatics, Ketones, and Aliphatics
.....	in blends with Aromatics
Melting Point(°C).....	70 to 90
Storage	Stable
Methylol Content	8% - 12%

SOLUBILITY:

Soluble in aromatic hydrocarbons and ketone solvents, including acetone, benzene, MEK, MIBK, toluene, and xylene. Partially soluble in aliphatic solvents and completely soluble when 5% of aromatic solvent is included.

SHIPPING CONTAINER:

Standard container is a 50 pound bag.

GENERAL RECOMMENDATIONS:

P-105 is used in Neoprene solvent type contact cements. Provides high heat resistance, high cohesive strength, shorter open time, and light color. It has superior phase resistance. Contains less than 0.4% free phenol. 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.

PRECAUTIONARY LABELLING:

In common with other supplies of plastics and chemicals, the precautionary label recommended by the Manufacturing Chemists Association for this material reads as follows:

CAUTION: MAY CAUSE SKIN IRRITATION. Avoid prolonged contact with the skin. Avoid prolonged breathing of vapor or dust. Use with adequate ventilation.

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