



# Chemieresin Industries Pvt. Ltd.

Plot No. 901/A, Phase - 4, GIDC - Naroda, Ahmedabad - 382330

## Technical Data Sheet

**Product : DMP 30**

### TYPE :

Accelerator based on tertiary amine.

### DESCRIPTION :

DMP 30 is a tris - 2,4,6 dimethyl amino methyl phenol based hardener for epoxy resin, and accelerator for other curing hardener such as carboxyl anhydride, amino adducts and polyamides..

### SPECIFICATIONS :

1) Appearance	Clear yellow to brown liquid
2) Specific gravity @ 25 C.	0.97 – 0.98
3) Viscosity @ 25 C. cps	150-300
4) Colour gardner	10 max.
5) Mixing ratio with, 100 parts of hardeners	2 - 5
6) Amine value, mg. KOH / gm.	580-635

### COMPATIBILITY :

DMP 30 is compatible with all types of epoxy resins, polyamine epoxy adducts, reactive polyamides, aromatic polyanhydrides and with blends of liquid epoxy resin and liquid polysulphides.

### APPLICATIONS :

DMP 30 as hardener is very useful for adhesives, electrical castings and impregnation and high performance composites, as an accelerator with reactive polyamides for flooring, castings and solvent-less coatings. It is also used as accelerator for anhydride hardeners used for casting and laminating. It find uses as accelerators for chemical resistant coatings, epoxy resin / polysulphide co-cures for stopping compounds.

### MATERIAL SAFETY DATA :

Product name	DMP 30
Flash point 0 C. (Abel closed cup)	140

Flammability	Combustible.
Toxicity	Moderately toxic. Irritant to skin and causes inflammation. Avoid contact with skin.
Handling	Keep away from sources of ignition, provide all electric connections of flame-proof design. Wear safety glasses, rubber gloves and protective clothings.

## **Emergency treatment and measures**

1 Hygienic precautions	Adequate ventilations.
2 Hygienic treatments (First Aid)	Flush eyes thoroughly with water. Apply ophthalmic cortisone for conjunctivitis and keratities. Wash out contaminated skin with soap and water. Gastric lavage (stomach wash), if swallowed, followed by saline catharsis.
3 Fire precautions	Use dry chemical or carbon dioxide. Water spray may help to keep containers cool, to dilute leaked resins and to diffuse vapours.
Spills and leakage	Absorb liquid materials in sand and collect solid material and burn under hood in incinerator.
Disposal and waste treatment	Spray into furnace under controlled conditions.

## **STORAGE :**

DMP 30 should be stored in cool place under shade. The properties are so adjusted to have storage stability of minimum 6 months.

## **PACKING :**

25 kgs. M.S. drums, 50 kgs. Plastic carboys and 200 kgs. M.S. barrels.

## **DISCLAIMER :**

Information in this literature is to the best of our knowledge true and accurate. However, since conditions under which our products may be used are beyond our control, recommendations are made without warranty or guarantee.