



# Chemieresin Industries Pvt. Ltd.

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

## **Technical Data Sheet**

### **Product : CR 1075X**

#### **Type :**

Unmodified solid epoxy resin in solution form.

#### **Description :**

Medium molecular weight solid epoxy resin solution for coatings.

#### **Specifications :**

1) Appearance	Clear Liquid
2) Density @ 25°C.	0.98 – 1.01
3) % Solids @ 120°C. for 2 hrs.	73 - 77
4) Solvent	Xylene
5) Viscosity @ 25°C.	7000 - 11000 CPS
6) Colour (Gardner)	2 max.
7) Epoxide equivalent weight of resin solids	450 – 525
8) % Chlorine content	< 1

#### **Solubility :**

CR 1075X is soluble in equal mixture of n- Butanol and aromatic hydrocarbons, esters, ketones and glycol ethers. It has limited solubility in aromatic hydrocarbons and is insoluble in aliphatic hydrocarbons and water.

#### **Compatibility :**

CR 1075X is compatible with amino resins, thermosetting acrylics and short oil alkyd resins. It is also compatible with hardeners such as aliphatic and aromatic polyamines, polyamine epoxy adducts, polyamides, phenolic resoles and butylated phenolics.

### **Applications :**

CR 1075X finds applications in maintenance coatings , marine finishes, tank linings, floor finishes, trade sale paints, concrete coatings and interior pipe coatings. CR 1075X due to its narrow and rigid specifications reduces batch to batch variations in final coating properties, gives superior flow, freedom from crawling and cratering and has superior wetting properties. Further it reduces pigment floating, flocculation and silking.

### **Material Safety Data :**

Product name	CR 1075X
Flash point oC.(Abel closed cup)	30
Flammability	Moderate fire risk due to presence of xylene.
Toxicity	Mild toxic
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 (in case of outbreaks)	Use dry chemical or carbon dioxide. Water spray, may help to keep containers cool, to dilute leaked resins and to diffuse vapors.

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 :**

CR 1075X should be stored in cool place under shade. The properties are so adjusted to have storage stability of minimum 6 months.

**Packing :**

25 kgs., 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.