



# Chemieresin Industries Pvt. Ltd.

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

## Technical Data Sheet

### **Product : Polyamide CR 715 ( 70% )**

#### **Type :**

Reactive polyamide hardener

#### **Description :**

High viscosity reactive polyaminoamide hardener with free amino groups.

#### **SPECIFICATIONS :**

#### **CR- 715 (70% in xylene)**

1) Appearance	Clear yellowish brown highly viscous resin.
2) Density @ 25o C.	0.94 - 0.95
3) % Solids @ 120oC for 2 hrs	68 - 72
4) Solvent	Xylene
5) Viscosity @ 40oC., CPS	800-1700
6) Colour Gardner	8max.
7) Amine value (mg KOH/g)	145 – 160

#### **Solubility :**

CR 715 ( 70% ) is soluble in aromatic hydrocarbons, higher alcohols, glycol ethers and chlorinated hydrocarbons. It is partially soluble in methanol, esters, and ketones and is insoluble in water.

#### **Compatibility :**

CR 715 ( 70% ) is compatible with most of the pure phenolic resins, non-reactive polyamides, and all grades of epoxy resins and reactive epoxy diluents.

#### **Applications :**

CR 715 ( 70% ) is used as a hardener with appropriate grades of epoxy resins in the manufacture of protective coatings required for adverse atmospheric conditions and adhesives for industrial applications.

### **Material Safety Data :**

Product name :	CR 715 (70% in xylene)
Flash point °C. (Abel closed cup)	30
Flammability	Moderate fire risk
Toxicity	Mild toxicity by exposure and inhalation due to presence of very small quantity of polyamines.
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 keratitis. 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 (in case of outbreaks) 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 :**

CR 715 (70% in xylene) 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 190 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.