



# Chemieresin Industries Pvt. Ltd.

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

## Technical Data Sheet

### Product : CR 731

#### Description :

CR 731 is low colour, low viscosity modified cycloaliphatic amine suitable to cure epoxy resin at ambient temperature. The faster reactivity of CR 731 permits rapid development of properties at ambient temperature. After cure, it exhibits high gloss with excellent surface finish suitable for coating and flooring application. The cured film has chemical resistance to acid, alkali, alcohols and hydrocarbon solvents. Very low viscosity permits high filler loading and excellent wetting properties. It is advisable to use this hardener during warm climate to avoid amine blush on cured surfaces.

#### Advantages :

Faster reactivity  
Low amine blush  
Low colour  
Low viscosity

#### Applications :

Chemical resistance flooring And coating tank lining  
Floor toppings  
Solvent free coating

#### Processing :

Brush, roller or spray coating

#### Typical specifications

Properties	Unit	Values
Appearance	-	Clear Liquid
Colour	GS	Max 0.5
Amine value	mg KOH/g	260 - 320
Viscosity at 25°C	mPas	300 - 500

Pot life at 25°C	1Minutes	30 - 40
Recommended ratio	w/w	50 - 60

1Pot life of 100 g mix mass. Mixing ratio of CR 110(EEW 185) : CR 731 is 100:50 w/w

### **Packaging :**

CR 731is available in 200 kg MS | HDPE drums. Other packing may be considered on request.

### **Storage And Handling :**

CR 731 should be stored in a cool and dry place, preferably in a sealed container and should not be exposed to direct sunlight.

This product has a shelf - life of 1 year, if stored in its original container between 18°C and 25°C away from humidity and excessive heat.

Please refer to the Safety Data Sheet (SDS) for detailed instructions on storage and handling.

### **Safety :**

Wear personal protective equipment (PPE). Avoid contact with the eyes and skin. In case of direct contact and irritation, the resin should be washed off immediately with soap and warm water. Avoid breathing vapours, mist or gas.

Please refer to the SDS for detailed safety instructions.

### **Spills And Disposal :**

In case of spills, sweep up and shovel the spilled material. Keep spilled material in suitable, closed containers for disposal. Soak up with an absorbent such as clay, sand or other suitable material. Flush are a with water to remove trace residue. Do not allow the product to reach the sewage system. Waste must be disposed of in accordance with federal, state or local regulations, as applicable.