



# Chemieresin Industries Pvt. Ltd.

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

## Technical Data Sheet

### Product : CR – 141

#### Description :

CR 141 is a medium viscosity modified aromatic amine based on 4,4' diamino diphenyl methane. It is suitable to cure epoxy resin at ambient temperature. It offers superior chemical resistance to acids, alkali and organic solvents when cured with modified and unmodified epoxy resins based on bisphenol -A and F. It offers very slow reactivity and long pot life at ambient temperature. Hence it is often used with CR 142 to accelerate cure.

#### Advantages :

Excellent chemical resistance  
Long pot life

#### Applications :

High glossy floor toppings  
Protective and decorative coatings

#### Processing :

Brush, roller or spray coating

#### Typical specifications :

Properties	Unit	Values
Appearance	-	Brownish Yellow Liquid
Colour	GS	Max 9
Amine value	eq/kg	4.2 – 4.8
Viscosity at 25°C	mPas	3500 - 5000
Pot life at 25°C <sup>1</sup>	h	8 - 10
Glass transition temperature	2°C -	100
AHEW	g/eq	114

Recommended ratio                      w/w                      60  
1Pot life of 100 g mix mass at 25°C Mixing ratio of CR 110 : CR141 is 100:60 w/w  
2Cure schedule 105 °C/1 hour

**Packaging :**

CR 141 is available in 200 kg MS | HDPE drums. Other packing may be considered on request.

**Storage and handling :**

CR 141 should be stored in a cool and dry place, preferably in a sealed container and should not be exposed to direct sun light. 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 area 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.