

# Pioneers for Polymers & Chemicals (PPC)

#### **Product Data Sheet**

## **Pox Cure – LH 1140**

## **Description**

**Pox Cure - LH 1140** is a very low viscosity modified aliphatic amine developed specifically for crack-injection applications at both room temperature and lower temperatures down to 5°C

## **Specification**

**Appearance** Clear liquid

Viscosity at 23 °C appr. 30 mPa.s DIN 53214

Density at 23 °C appr. 1.02 g/cm³ DIN 51757,T3

Color index < 3 Gardner

## **Characteristic data**

H\*-equivalent mass 48
Solids content 100 %

Flash point >100 °C DIN-ISO 3679

#### **Typical mix properties**

Mix Of 25 gms with 100 gm epoxy resin\*

Pot life appr. 30 min from 23 to 40°C for 100 ml

**Shore D** > 85 ISO 868-1985

Standard Bisphenol-A based (DGEBA, EEW=190) epoxy resin\*

#### **Advantages:**

- Very low viscosity hence good penetration in smaller cracks
- Good through-cure down to 5°C
- Excellent mechanical properties in particular, compressive strength and modulus which ensures monolithic behaviour in repair and crack injection systems
- Good adhesion to concrete

### **Applications:**

Pox Cure - LH 1140 is preferably used in combination with suitable epoxy resin formulations for

- Crack injections systems
- High solid solvent free coatings
- Adhesives

#### Storage:

It is at least 24 months at room temperature in the original sealed containers form the date of manufacture. Store away from excessive heat and humidity in tightly closed containers.

#### **Handling Precautions:**

Please refer to the Safety Data Sheet of this product. Classification: C "corrosive".