

# KER Epoxy Resins      KER 828

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

- **Product name** : KER 828
- **Product Code** : L123A
- **Product type** : RESIN LIQUID
- **Supplier** : Kumho P&B Chemicals, Inc.
- **Origin**: KOREA

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

### Substance chemical family:

Reaction product of bisphenol A and epichlorohydrin

**CAS number:** 25068-38-6

**Other information:** Liquid epoxy resin industrial grade , none hygienic grade

## 3. PHYSICAL AND CHEMICAL

Physical state: .....	Liquid
Colour: .....	Pale yellow
Odour: .....	Slight
pH: .....	circa 7
Boiling point: .....	> 200°C.
Vapor pressure .....	< 0.01 Pa @ 20 °C
Density: .....	1160 kg/m <sup>3</sup> @ 25 °C
Dynamic viscosity: .....	12-14 Pa.s @ 25 °C
Electrical conductivity:.....	1150 pS/m @ 22 °C
Flash point: .....	> 200°C (PMCC)
Auto-ignition temperature: .....	> 300 °C
Solubility in water: .....	circa 0.009 kg/m <sup>3</sup> @ 23 °C
n-octanol/water partition coefficient: .	log Pow > 3

### Uses and restrictions:

Compositions for the building and civil engineering industries e.g. flooring compounds, adhesives, mortars and grouts, solvent free and high-solids coatings, laminating binders.