

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 ³ @ 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 ³ @ 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.