



## REPLOXY-R-5198

### TECHNICAL DATA SHEET

#### **R-5198** Aromatic Epoxy Diluent (Reactive Diluent)

**R 5198** is a clear, low viscosity liquid, aromatic mono epoxide reactive diluent based on ortho cresol. It is compatible with all types of epoxy resins in any proportion. The resins diluted with **R 5198** can be suitably cured by epoxy curing agents for variety of applications. Higher proportion of this product affects glass transition temperature adversely

#### PRODUCT DETAILS

<b>Product Description :</b> Aromatic Epoxy Diluent	<b>Colour On G-Scale.</b> 2 Max
<b>Form Of Supply :</b> 100% Reactive Solids	<b>Epoxy Equivalent Weight :</b> 167-189
<b>Clarity :</b> Clear	<b>% Hydrolysable Chlorine Content :</b> 0.2 Max
<b>Viscosity @ 25°C on BF</b> 6-8 cps (SPL- 01/RPM-30)	
<b>Epoxy Value :</b> 5.3-6.0 Eq /kg	

#### PRINCIPAL PROPERTIES

High resistance to solvents and ammonia Improves wetting and process ability Low volatile Practically no reduction of hardness Reduces viscosity while maintaining most cured properties

#### SUGGESTED USES

Adhesives and tooling systems  
Casting and potting of electrical and electronic components  
Civil engineering and flooring  
Glass fiber lamination  
Solvent containing coatings Solvent free

#### STORAGE

Storage stability of **R-5198** at or below temperature 35°C packed in original container can withstand up to 12 months