QINGDAO SANHUAN COLORCHEM CO., LTD.

17 FLOOR, YUHENG BUILDING,NO.170 XUZHOU NORTH ROAD, QINGDAO, CHINA
TEL:0086 532 88978177/88978188
FAX:0086 532 88962988/88967877
EMAIL: michael@cncolorchem.com
WEBSITE: www.cncolorchem.com

TECHNICAL DATA SHEET

EPOXY RESIN SH-0164

Epoxy Resin SH-0164 is a liquid resin manufactured from bisphenol-A and epichlorohydin. It is recognized as a standard from which many variations have been developed .A wide variety of curing agents is available to cure liquid epoxy resins at ambient conditions. The most frequently used are aliphatic polyamines, polyamides, amidoamines, cycloaliphatic amines and modified versions of these curing agents. These systems are sometimes cured at an elevated temperature to improve selected properties such as chemical resistance and glass transition temperature. Elevated temperature cures are necessary and long post-cures are required to develop full end properties if anhydride of catalytic curing agents are employed.

Specification:

ITEM	TESTED DATAS
Appearance	Clear liquid, no visible mechanical impurity
Colour (Hazen)	50 Max
Epoxy Equivalent (g/mol)	183-194
Hydrolytic Chlorine (%)	0.05 Max
Volatile /150℃,40min (%)	0.3 Max
Viscosity/25℃ (mPa.s)	10000-14000

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Application:

This product is suitable for use in applications such as:
-Adhesives
-Filament winding
-Casting and Tooling
-Civil Engineering
-Composites
-Automotive Coatings
-Can Coating
-Coil Coating
-Marine & Protective Coatings
-Potting and Encapsulation

Packaging: Net weight 240kg/drum.

Storage: Under certain circumstances, such as low temperature, this product can crystallize after lengthy storage, this can be reversed by warming up to 60-70 ℃ while stiming. The product should be stored in a cool and dry place in its original closed packaging, and not be stored exposed to direct sunlight. Under these conditions the self life should be a minimum of 12 months from date of manufacture.