Resin HSC 7450
(Low viscosity liquid epoxy resin)

Product Description

HSC 7450 is a low viscosity liquid epoxy resin derived from epichlorohydrin and bisphenol A.

Various curing agents are available to cure liquid epoxy resins at ambient cure conditions (like, Polyamines, Polyamides, Amidoamines, Cycloaliphatic amines, Phenalkamines etc.).

Features

- The resin offers good chemical resistance, excellent adhesion to substrates, excellent mechanical properties and good pigment wetting.
- The resin has low tendency to crystallize.

Applications

- Civil and building for solvent free coatings.
- Various screed and mortar applications.

Product Specifications

Properties	Units	Reference standard	Value
Appearance	Visual	HTP-1	Clear Liquid
Color	APHA	ASTM D1209	Max 1
Viscosity @ 25˚C	mPas	ASTM D2196	500-700
Epoxy Equivalent Weight	gm/eq	ASTM D 1652	180-190

HTP: HSCL Testing Procedure

Processing and Storage

Packaging

HSC 7450 available in bulk packing of drums and container in packing size of 230 kg and 30 kg.

Safety & Handling

Following instructions needs to be followed strictly.

Keep working conditions clean. Allow fresh air in, if possible, provide ventilator. Avoid contact with human body directly, wear gloves and other personal protective equipment especially dust masks or respirators. Wash hands carefully with soap. If possible, wash with acetone and alcohol first, then soap and water. In case of eye contact, wash with running water for 15 minutes and then seek medical treatment.

Refer MSDS for better instruction on Safety & Handling

Storage Conditions	HSC 7450 should be stored at room temperature free of moisture, in the original containers kept tightly closed. If haziness or crystallises is observed on opening the can, warm the resin at 45-50ºC with stirring to bring back to original conditions. The shelf life of the resin is 24 months.
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