



Resin HSC 7451

(Low viscosity liquid epoxy resin)

Product Description HSC 7451 is Low viscosity reactive diluent modified epoxy resin. Best suited with Polyamidoamine for primers, cycloaliphatic amine adducts and polyether amines for top coats.

Features

- The resin offers low viscosity which enhances the filler loading capacity & low surface tension thus improving adhesion by better substrate wetting, good color retention in top coat and good pigment wetting & dispersibility.
- The resin has low tendency to crystallize.

Applications

- Civil and building for solvent free coatings.
- Various screed and mortar applications, best utilized for self-levelling floorings.

Product Specifications

Properties	Units	Reference Standard	Value
Appearance	Visual	HTP-1	Clear Liquid
Color	Gardener	ASTM D 1544	Max 0.5
Viscosity @ 25°C	mPas	ASTM D 2196	600-900
Epoxy Equivalent Weight	gm/eq	ASTM D 1652	195-210
Epoxy Value	Eq/Kg	ASTM D1652	4.75-5.15
Density	g/cc	HTP-6	1.05-1.15

HTP: HSCL Testing Procedure

Processing and Storage

Packing HSC 7451 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 7451 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 45-50°C with stirring to bring back to original conditions. Container once opened should be tightly closed to avoid contamination by foreign materials. The shelf life of the resin is 24 months.

Disclaimer

All recommendations for use of our products, whether given by us in writing, verbally or to be implied from results of tests carried out by us are based on the current state of our knowledge. Notwithstanding any such recommendations the Buyer shall remain responsible for satisfying himself that the products as supplied by us are suitable for his intended process or purpose. Since we cannot control the application, use or processing of the products, we cannot accept responsibility. Therefore, the Buyer shall ensure that the intended use of the products will not infringe any third party's intellectual property rights. We warrant that our products are free from defects in accordance with and subject to our general conditions of supply.

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