

Technical Data Sheet

HSC 3300 (Solvent Cut Epoxy Resin)

Product Description

75% solution of Type 1 solid epoxy resin in xylene.

Suitable for formulation of solvent borne 2 component coatings with various curing agents like polyamines, polyamide, phenalkamines and various amine adducts.

Features

- Superior adhesion to metal & concrete
- Superior resistance to water
- Better anticorrosive properties
- Good flexibility

Applications

- Anticorrosive primers for metals and concrete
- Maintenance coatings
- Modifier in stoving enamel

Product Specifications

Properties	Units	Reference standard	Value
Appearance	Visual	HTP-1	Clear to yellowish
Colour	Gardener	ASTM D1544	< 1
Viscosity* @ 25°C	mPas	ASTM D2196	8000 - 13000
Epoxy Equivalent Weight**	gm/eq	ASTM D1652	450 - 500
Density	g/cc	ASTM D1475	1.1 ± 0.05
Solid Content	%	ASTM D2369	74 - 76

* 25% solution in Xylene

** Values for 100% Resin

HTP: HSCL Testing Procedure

Processing and Storage

Packaging

HSC 3300 available in bulk packing of MS epoxy coated drums. For handling and pumping the maximum temperature shall not exceed 35-40°C.

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.

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- c. Wash hands carefully with soap. If possible, wash with acetone and alcohol first, then soap and water.
- d. 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 3300 has a shelf-life of 12 months, if stored at room temperature free of moisture, in the original containers kept tightly closed at temperatures between 5-25°C. Container once opened should be tightly closed to avoid contamination by foreign materials.

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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