



Resin HSC 7456

(Modified Epoxy Resin)

Product Description

HSC 7456 is low viscosity modified epoxy resin for variety of application including lamination, civil and electrical. The resin is utilized with various amines, cycloaliphatic amines and polyamides for different applications.

Features

- The system offers very low initial mix viscosity which provides excellent fibre wetting in case of lamination and better filler loading in case of screed and electrical potting applications.
- The resin offers negligible shrinkage, intramolecular stresses and excellent hydrophobicity when used with various type of hardeners.

Applications

- Solvent free Primer and top coat applications for civil and building sectors.
- Screed and grouts application
- Crack repair and filling application.

Product Specifications

Properties	Units	Reference Standard	Value
Appearance	Visual	HTP-1	Clear Liquid
Color	Gardener	ASTM D 1544	Max 1
Viscosity @ 25°C	mPas	ASTM D 2196	800-1200
Epoxy Equivalent Weight	gm/eq	ASTM D 1652	190-205

HTP: HSCL Testing Procedure

Processing and Storage

Packing

HSC 7456 available in bulk packing of drums and container in packing size of 200 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

Shelf life	HSC 7456 has 24 months of shelf life.
Storage Conditions	HSC 7456 should be stored at room temperature free of moisture, in the original containers kept tightly closed at temperatures between 5-35°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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Marketing & Sales Office

Hindusthan Speciality Chemicals Limited
65, Free Press House,
Free Press Journal Road,
Nariman Point, Mumbai – 400021
Tel: +91 22 61510960
Email- sales.hscl@hindusthan.co.in

Works

Hindusthan Speciality Chemicals Limited
Plot No.:830, GIDC,
Jhagadia Industrial Estate,
Jhagadia, Bharuch District,
Gujarat – 393110, India
Website: www.hindusthanspeciality.com