

Resin HSC 7651

(Modified Epoxy Resin)

Product Description HSC 7651 is modified epoxy resin to serve composite application with hardener HSC 8210 which is low viscosity aliphatic amine hardener to offer a short pot life.

Features

- The system offers low initial mix viscosity which helps in achieving excellent fibre wetting and eventually superior mechanical properties.
- The system has negligible shrinkage and intramolecular stresses and excellent hydrophobicity.

Applications

- General purpose laminates by hand lay-up or moulding processes for industrial and structural composites, Filament winding, pultrusion of structure and industrial composites like electrical laminates.

Product Specifications

Properties	Units	Reference Standard	Value
Appearance	Visual	HTP-1	Clear liquid
Colour	Gardener	ASTM D1544	Max 0.5
EEW	gm/eq	ASTM D1652-97	175-185
Viscosity @ 25°C	mPas	ASTM D2196	7500-8500
Hydrolysable chlorine	%	ASTM D1726	0.03
Amine value	mg KOH/gm	ASTM D2073	NA

HTP: HSCL Testing Procedure

NA: Not Applicable

Processing and Storage

Packaging HSC 7651 is available in 230 kg HDPE drums.

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.
- 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**

Part A & B should be stored away from light & heat. Partly emptied containers should be tightly closed immediately after use to avoid exposure to light. For information on waste disposal and hazardous products of decomposition in the event of a fire, refer to the Material Safety Data Sheets (MSDS) for these particular products. The shelf life is 24 months for HSC 7651.

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.

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
