



Hardener HSC 8577

(Low Viscosity Anhydride)

Product Description HSC 8577 is low viscosity anhydride hardener. The liquid hot curing system goes for castings along with HSC 7600/ HSC 7252. HSC 7600/ HSC 7252 and HSC 8577 mix cures at elevated temperature.

Features

- The system offers low initial mix viscosity which provides excellent fibre wetting and eventually superior mechanical properties and electrical properties.
- The system offers negligible shrinkage, intramolecular stresses and excellent hydrophobicity.

Applications

- Filament winding
- Pultrusion of structure and industrial composites like electrical laminates.
- VPI of C-Cores

Product Specifications

Properties	Units	Reference Standard	Value
Appearance	Visual	HTP-1	Clear Liquid
Color	Gardener	ASTM D 1544	Max. 2
Viscosity @ 25°C	mPas	ASTM D 2196	175-350
HTP: HSCL Testing Procedure			

Processing and Storage

Packing HSC 8577 available in bulk packing of drums and container in packing size of 225 kg, 190 kg and 27 kg packing. Other packaging may be considered on request.

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**

HSC 8577 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 12 months for HSC 8577.

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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