

## Resin HSC 7200

### (Unmodified Medium Viscosity Liquid Epoxy Resin)

**Product Description** Unmodified medium viscosity liquid epoxy resin derived from epichlorohydrin and bisphenol A.

Various curing agents are available to cure liquid epoxy resins like at ambient cure conditions (Polyamines, polyamides, amidoamines, cycloaliphatic amines, phenalkamines etc.) and at elevated temperature cure conditions (Anhydrides or other catalytic curing agent).

**Features**

- No VOC are liberated during the course of reaction superior mechanical, thermal and electrical strength.

**Applications**

- Adhesive,
- casting and tooling,
- civil and building,
- composites,
- solvent free and high solids coatings,
- marine and protective coating,
- potting and encapsulation.

### Product Specifications

| Properties              | Units    | Reference Standard | Value         |
|-------------------------|----------|--------------------|---------------|
| Appearance              | Visual   | HTP-1              | Clear Liquid  |
| Colour                  | Gardener | ASTM D1544         | <1            |
| Viscosity @ 25°C        | mPas     | ASTM D2196         | 9000 - 13,000 |
| Epoxy Equivalent Weight | gm/eq    | ASTM D1652         | 180 - 190     |
| Density                 | g/ cc    | ASTM D1475-98      | 1.15 ± 0.05   |
| Hydrolysable Chlorine   | Ppm      | ASTM D1726         | Max 500       |

HTP: HSCL Testing Procedure

### Processing and Storage

**Packing** HSC 7200 is available in bulk packing of drums, IBC's and container. For handling and pumping the maximum temperature shall not exceed 80°C.

**Safety & Handling** Following instructions needs to be followed strictly.

- Keep working conditions clean. Allow fresh air in, if possible, provide ventilator.

- b. Avoid contact with human body directly, wear gloves and other personal protective equipment.
- 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 7200 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.

---

---

### **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](mailto: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](http://www.hindusthanspeciality.com)

---

---