

HSC 5231 (Accelerator)

Product Description HSC 5231 is modified tertiary amine accelerator offering better compatibility with epoxy casting resin and anhydride hardener, it is used as initiator for standard epoxy anhydride systems.

Features

- Decrease the cure time and drying properties
- As an initiator for epoxy-anhydride system

Applications

- As accelerator for various casting and pultrusion systems

Product Specifications

Properties	Units	Reference Standard	Value
Appearance	Visual	HTP-1	Yellowish to Clear brown Liquid
Color	Gardener	ASTM D 1544	Max 12.
Viscosity @ 25°C	mPas	ASTM D 2196	1000-2000
Typical Usage (by resin parts)	%	NA	0.2-2
Formulations Guidelines			
HSC 7550	Pbw	NA	100
HSC 8570			100
HSC 5231			1
Gel Time @ 120°C	Min.	HTP-19	8-12
Tg (80C/6h+130C/6h)	°C	DSC	105-120
HTP: HSCL Testing Procedure			
NA: Not Applicable			

Processing and Storage

Packing HSC 5231 available in bulk packing of drums and container in packing size of 1 kg, 5 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.

**Storage
Conditions**

HSC 5231 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. The shelf life is 12 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,

Works

**Hindusthan Speciality Chemicals
Limited**

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