



## HSC 5230 (Accelerator)

**Product Description** HSC 5230 is liquid low viscosity accelerator; it is used in combination with amine hardeners to accelerate the cure and as initiator for standard epoxy anhydride systems.

**Features**

- Decrease the cure time and drying properties
- Decrease the overall working time of usage so help in formulating polyamides
- As an initiator for epoxy-anhydride system

**Applications**

- Various including civil products HSC 7450/ HSC 8230, in casting with HSC 7560/ HSC 8231 and HSC 7550/HSC 8570 systems.

### Product Specifications

Properties	Units	Reference Standard	Value			
Appearance	Visual	HTP-1	Clear brown Liquid			
Color	Gardener	ASTM D 1544	8 Max			
Viscosity @ 25°C	mPas	ASTM D 2196	150-300			
Amine number	mg KOH/g	ASTM D2074	550-675			
Typical Usage (by resin parts)	%	NA	1-5			
<b>Formulations Guidelines</b>						
HSC 7450	Pbw	NA	100			
HSC 8230			50			
HSC 5230			0	1	2	3
Pot life 100g @ 30°C	Min.	HTP-16	105	92	85	60
HSC 7550	Pbw	NA	100			
HSC 8570			100			
HSC 5230			0.5	1		
Gel time @ 120°C	Min.	HTP-19	13-15	8-10		

HTP: HSCL Testing Procedure

NA: Not Applicable

### Processing and Storage

**Packing** HSC 5230 available in bulk packing of drums and container in packing size of 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 5230 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 for hardener.

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**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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