

Technical Data Sheet

Hardener HSC 8231 (Medium Viscosity Reactive Polyamide)

Product Description

HSC 8231 is low viscosity reactive polyamide resin based on dimer fatty acid and polyamine. The product cures at room temperature and yields tough chemical resistant coating. It is used for various applications like primer, screed, grouting with HSCL products and as such with solid epoxy resins for high solid paint formulations.

Features

- Good hardness and toughness and chemical resistance, good compressive strength with HSC 7450

Applications

- Various including primer, screed, injection grouting with HSC 7450

Product Specifications

Properties	Units	Reference standard	Value
Appearance	Visual	HTP-1	Clear Amber Liquid
Color	Gardener	ASTM D 1544	12 Max
Viscosity @ 25°C	mPas	ASTM D 2196	500-1000
AHEW	g/eq	NA	95

Mix Properties	Units	Reference standard	Value
Mix ratio with Epoxy	Pbw		100:50
Resin of EEW~185		NA	
Pot life (100gm) @ 25 °C	Minutes	ASTM D 2471	120-180
Tack free time	Hours	ASTM D5895	6-8
Minimum Application Temperature	°C	NA	15

HTP: HSCL Testing Procedure, NA: Not Applicable

Processing and Storage

Packaging

HSC 8231 available in bulk packing of drums and container in packing size of 190 kg and 30 kg.

Safety & Handling

Following instructions need to be followed strictly.

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

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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 8231 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.

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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