



Hardener HSC 8238

(Low Viscosity Reactive Polyamide)

Product Description HSC 8238 is low viscosity reactive polyamide hardener based on dimer fatty acid and polyamine. The product cures at room temperature and yields tough chemical resistant coating.

Features Epoxy coating systems cured with HSC 8238 present the following features

- High levels of mechanical stability.
- Good adhesion to marginally prepared surfaces.
- Resistance to aqueous alkaline, acid and saline solutions
- Good corrosion resistance

Applications It is used for various applications like primer, screed, grouting with modified epoxy resins and as such with solid epoxy resins for high solid paint formulations.

Product Specifications

Properties	Units	Reference Standard	Value
Appearance	Visual	HTP-1	Clear Liquid
Color	Gardener	ASTM D 1544	10 Max
Viscosity @ 40°C	mPas	ASTM D 2196	3000-6000
Amine number	mg KOH/g	HTP-9	370-410
Density @ 25°C	g/ cc	ASTM D-1475	0.96-0.98
AHEW	g/eq	NA	95
Mix Properties	Units	Reference Standard	Value

Mix ratio with Epoxy Resin of EEW~185	Pbw	NA	100:50
Mix viscosity @ 25°C	mPas	ASTM D2196	~17000
Pot life (100gm) @ 25 °C	Minutes	HTP-16	60-70

HTP: HSCL Testing Procedure
NA: Not Applicable

Processing and Storage

Packing HSC 8238 available in bulk packing of drums and container in packing size of 200 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 8238 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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