Hardener HSC 8353
(Medium Curing Phenalkamine)

Product Description

HSC 8353 is a low viscosity phenalkamines form cashew nut shell liquid. It can able to cure modified and unmodified epoxy resin at room temperature as well as low temperatures up to 5°C. It is able to demonstrate good curing characteristic in presence of moisture and high humid conditions.

Features

- Good chemical resistance to acids and alkalis.
- Excellent adhesion & film forming ability on variety of substrates.
- Moisture sensitive.

Applications

- Primers
- Paints
- Adhesives

Product Specifications

Properties	Units	Reference standard	Value
Appearance	Visual	HTP-1	Redish Brown Liquid
Color	Gardener	ASTM D1544	Max 17
Viscosity @ 25˚C	mPas	ASTM D2196	1000 - 2500
Amine value	Mg KOH/g	ASTM D2073	320 - 380

Mix Properties	Units	Reference standard	Value
Mix ratio with Epoxy Resin of EEW~185	Pbw	NA	100:50
Pot life (100g) @ 25 ºC	Minutes	ASTM D2471	20 - 40

HTP: HSCL Testing Procedure, NA: Not Applicable

Processing and Storage

Packaging

HSC 8353 is 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. a. 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 8353 should be stored in a cool and dry place, preferably in a sealed container and should not be exposed to direct sunlight. This product has a shelf-life of 1 year, if stored in its original container between 18°C and 25°C away from humidity and excessive heat.
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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