

MORSUN CYCLOALIPHATIC AMINE EPOXY CURING AGENT DS-1618

PRODUCT CODE

MCS-HD-853

PRODUCT DESCRIPTION

Morsun's Cycloaliphatic Amine Modified epoxy curing agent is a low colour, low viscosity modified cycloaliphatic amine intended for ambient or low temperature curing of liquid epoxy resins. It gives high gloss films that are resistant to a variety of chemicals. These properties makes it ideal for formulating floorings maintenance coatings, tank linings, and secondary containment linings. It is very low and good colour stability makes it appropriate for clear and pastel shade coatings

SUGGESTED USES

High solids coatings Self levelling and pebble finish floorings. Chemically resistant tank linings, mortars and grouts. Decorative tile grouts

TECHNICAL DATA

ADVANTAGES	Very low colour and good colour stability Good chemical resistance High gloss Good resistant to amine blush. Low viscosity Typical Properties
Appearance	Water white to pale yellow liquid
Clarity	clear
Viscosity	150-400 cps@ 30 °C
Amine Value (mg KOH/g)	270-320
Flash point	>25 °C
Specific gravity	1.01 + 3%
Recommended uses level (phr, EEW=190)	50-55
Gel Time (150g mix @25 °C) min.	40-50 (with EEW=190)
Thin film set time hours EEW-190 at 150 microns	5-6
Typical cure schedule	2-7 days at ambient temperature
Chemical resistance	Chemical immersion studies were performed using this curing agent formulation cure for 7 days. The curing agent was mixed in the recommended use level with 100% Bisphenol A base liquid resin (EEW=190). 28 days immersion tests show good chemical resistance to DI Water, Toluene, Xylene, Cellosolve, Lactic Acid, Acetic Acid, 70% sulphuric acid, 50% sodium Hydroxide etc
Shelf life	12 months in sealed container stored at room temperature
Packing	200 & 20 kg
Precaution	Avoid inhalation. Take necessary precautions to avoid contact with skin or eyes. Ventilate the area during application

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