



AMBIENT CURE SOLVENT-FREE CYCLOALIPHATIC HARDENER FOR COATING AND FLOORING

DESCRIPTION :-

EPOXILITE EH – 107 is a low viscosity, low colour modified cycloaliphatic polyamine curing agent for use with liquid epoxy resins to produce solvent free room temperature curable thermoset coatings, floor toppings. When formulated appropriately with epoxy resin it gives clear, air free, glossy surfaces. It also provides resistance to variety of chemicals such as acids, alkalies, hydrocarbons and water. EH - 107, being cycloaliphatic, also provides excellent weather resistance. It is less irritating, gives low odour, excellent transparency and light colour.

Advantages :-

- Low viscosity
- Fast setting
- Excellent chemical resistance
- High gloss

Applications :-

- Chemical resistance flooring And coating.
- Solvent-free, high solids coatings
- Self leveling Floorings.
- Transparent coatings.

Specification Data : Hardener EH -107

Properties	Unit	Typical Value
Appearance	Visual	Water White to Clear
Color	Gardener	1 max.
Mixing Ratio (EEW = 190)	By weight	45
	By Volume	50
Viscosity @25 ^o C	cPs	450-600
Pot Life @ 20 ^o C	Min	25 - 35

Typical Prosperities :- Hardener EH - 107

Properties	Unit	Typical Value
Odour	--	Amine
Density	g/cc	1.08
Amine Value	KOH/g	300 - 425
Flash Point	C ⁰	95
Thin film set time	hr	3-4

Typical properties are indicated for information only

Additional information Chemical resistance with of epoxy resins

Water	Very Good
Ammonia	Very Good
Cutting Oil	Very Good
Gasoline (Unleaded)	Very Good
Hydrochloric	Very Good
Kerosene	Very Good
Methanol	Very Good
Methyl Ethyl Ketone	Very Good
5% Lactic acid	Very Good

Methylene Chloride	Fair
Phosphoric (10%)	Very Good
Sodium Chloride Brine	Very Good
Sodium Hydroxide	Very Good
Sulfuric (20%)	Very Good
50% Sodium hydroxide	Good
Trisodium Phosphate	Very Good
Xylene	Fair
10% Acetic acid	Fair

Packing :- EPOXILITE EH -107 is packed and delivered in plastic drums, 30 kg per drum as a standard pack. Other pack sizes are available on request.

Storage :- EPOXILITE EH - 107 should be stored in original tightly closed container, in dry and cool conditions. When exposed to air the product EPOXILITE EH - 107 may absorb moisture which may result in viscosity increase, frothing and white carbonation product deposition. In such case it may affect the appearance of final coating/floor topping. When stored in tightly closed container this product has a storage life of at least one year from the date of manufacturing.

Handling :- Do not mix with epoxy resin until just prior to use since reacts chemically at room temperature. Avoid contact with skin, eyes etc. Please refer to the MSDS of the product for more instructions on safe storage and handling of EPOXILITE EH - 107.

Disclaimer

All recommendations for use of our products whether given by us in writing, verbally or to be implied from the results of tests carried out by us are based on the current state of our knowledge. Although, the information contained in this sheet is accurate, no liability can be accepted in respect of such information. We warrant only that our product will meet the designated specifications and make no other warranty either express or implied, including any warranty of merchantability or fitness for a particular purpose as the conditions of application are beyond our control.

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