



ADOLAC CHEM INDIA
POLYMER DIVISION

EH – 218

AMBIENT CURE SOLVENT-FREE ALIPHATIC HARDENER FOR COATING AND FLOORING

DESCRIPTION :-

EPOXILITE EH – 218 is low color, low viscosity modified Aliphatic amine hardener suitable to cure epoxy resin at ambient temperature. The cured mass gives high gloss and excellent surface finish suitable for coating and flooring applications. The film withstand variety of chemicals includes acids, alkali, alcohols and hydrocarbon solvents. Excellent low color of the hardener makes it materials of choice for flooring applications.

Advantages :-

- Low viscosity
- Slow setting
- Excellent chemical resistance
- High gloss
- Blushing free.
- Work at low humidity.

Applications :-

- Chemical resistance flooring And coating.
- Self leveling Floorings.
- Single color coating.

Specification Data : Hardener EH -218

Properties	Unit	Typical Value
Appearance	Visual	Water White to Light Yellow
Color	Gardener	1.5 max.
Mixing Ratio (EEW = 190)	By weight	50
	By Volume	2 : 1
Viscosity @25 ^o C	cPs	160-250
Pot Life @ 20 ^o C	Min	50 - 70

Typical Prosperities :- Hardener EH - 218

Properties	Unit	Typical Value
Odour	--	Amine
Density	g/cc	1.28
Amine Value	KOH/g	460 - 525
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	Methylene Chloride	Fair
Ammonia	Very Good	Phosphoric (10%)	Very Good
Cutting Oil	Very Good	Sodium Chloride Brine	Very Good
Gasoline (Unleaded)	Very Good	Sodium Hydroxide	Very Good
Hydrochloric	Very Good	Sulfuric (20%)	Very Good
Kerosene	Very Good	50% Sodium hydroxide	Good
Methanol	Very Good	Trisodium Phosphate	Very Good
Methyl Ethyl Ketone	Very Good	Xylene	Fair
5% Lactic acid	Very Good	10% Acetic acid	Fair

Packing :- EPOXILITE EH - 218 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 - 218 should be stored in original tightly closed container, in dry and cool conditions. When exposed to air the product EPOXILITE EH - 218 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 - 218.

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.

For Additional Information, Please Contact:

ADOLAC CHEM INDIA

101/6 'X' ROAD, SWAMIJI NAGAR, HOWRAH – 711108

E-mail :- adolacchemindia@gmail.com / info.epoxiliteindia@gmail.com