



ADOLAC CHEM INDIA  
POLYMER DIVISION

**MH – 401**

**AMBIENT CURE SOLVENT-FREE ALIPHATIC HARDENER FOR MARINE COATING**

**DESCRIPTION :-**

EPOXILITE MH – 401 is low color, low viscosity modified Aliphatic polyamine hardener suitable to cure epoxy resin at ambient temperature. The cured mass gives high gloss and excellent finish suitable for Marine coating and Topping 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 Marine coating applications.

**Advantages :-**

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

**Applications :-**

- Chemical resistance coating.
- Transparent coatings.
- Marine coating.

**Specification Data : Hardener MH –401**

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 <sup>o</sup> C	cPs	280-380
Pot Life @ 20 <sup>o</sup> C	Min	40 - 60

### Typical Prosperities :- Hardener MH - 401

Properties	Unit	Typical Value
Odour	--	Amine
Density	g/cc	1.58
Amine Value	KOH/g	290 - 345
Flash Point	C <sup>0</sup>	95
Thin film set time	hr	3-4

Typical properties are indicated for information only

**Packing :-** EPOXILITE MH - 401 is packed and delivered in plastic drums, 30 kg per drum as a standard pack.

Other pack sizes are available on request.

**Storage :-** EPOXILITE MH - 401 should be stored in original tightly closed container, in dry and cool conditions. When exposed to air the product EPOXILITE MH - 401 may absorb moisture which may result in viscosity increase, frothing and white carbonation product deposition. In such case it may affect the appearance of Marine coating/ 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 MH - 401.

#### 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](mailto:adolacchemindia@gmail.com) / [info.epoxiliteindia@gmail.com](mailto:info.epoxiliteindia@gmail.com)