



ADOLAC CHEM INDIA
POLYMER DIVISION

APILUX FAST - SET HARDENER

AMBIENT CURE HIGH-VISCOSITY ALIPHATIC HARDENER FOR COATING AND ADHESIVE

DESCRIPTION :-

APILUX FAST-SET HARDENER is low color, high 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 adhesive 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 adhesive and coating applications.

Advantages :-

- High viscosity
- Fast setting
- Excellent chemical resistance
- High gloss
- Work at low humidity.

Applications :-

- Chemical resistance adhesive And coating.
- Transparent coatings.

Specification Data : APILUX FAST-SET HARDENER

Properties	Unit	Typical Value
Appearance	Visual	Clear Liquid
Color	Gardener	1.2 max.
Mixing Ratio (APILUX FAST-SET RESIN) Per 100 grams	By weight	90
	By Volume	100 (1:1)
Viscosity @25 ^o C	cPs	25000 - 35000
Pot Life @ 20 ^o C	Min	25 - 40

Typical Prosperities :- APILUX FAST - SET HARDENER

Properties	Unit	Typical Value
Odour	--	Amine
Density	g/cc	3.52
Amine Value	KOH/g	300 - 325
Flash Point	C ⁰	105
Thin film set time	hr	2 - 2.5

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 :- APILUX FAST-SET HARDENER is packed and delivered in plastic buckets and drums, 1.9 kgs,9 kgs, 76 kgs per drum as a standard pack. Other pack sizes are available on request.

Storage :- APILUX FAST-SET HARDENER should be stored in original tightly closed container, in dry and cool conditions. When exposed to air the product APILUX FAST-SET HARDENER 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 18 months 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 APILUX FAST-SET HARDENER.

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:

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