



Curing Agents

epoxa us™ 70-01

Description

epoxa us™ Curing agent 70-01 is a high viscosity product that is formulated to satisfy applications where tixotropy is required and a strong, impact resistant and advanced paste hardener is needed. It can be used with a great variety of resins to obtain desired properties and performance.

Applications

- * Marine adhesive
- * Fiberglass bonding and repair
- * Composite adhesive
- * Construction projects
- * Furniture metal and wood

Key Features and Benefits

- Can be applied to vertical or inverted surfaces
- Room temperature cure
- Excellent impact, tensile and compression strength
- Great chemical resistance in general
- Can be used with pneumatic or manual gun when in cartridge form

Sales Specifications

Property	Units	Value	Test Method/Standard
Amine value	mg/g	1140	ASTM D2896
Viscosity at 25°C	cP	18900	ASTM D2196
Color	Visual	Multiple	

Typical Properties

Property	Units	Value	Test Method/Standard
Equivalent weight, approx.		21	
Density @ 25 °C	lbs/gal	12.69	ASTM D1475

70-01

Flash point	° C	>219	ASTM D3278
Appearance		Biege Paste	
Mix ratio with			
epoxa us 610-01 / 600-01	phr	50 / 25	BY WEIGHT

Mixing Ratio

With 610-01 paste epoxy

epoxa us 610-01

100

epoxa us 70-01

50

With 600-01 paste epoxy

epoxa us 600-01

100

epoxa us 70-01

25

Component Properties (Viscosity)

25°C

epoxa us 600-01

Poises

Paste

epoxa us 610-01

Poises

Paste

epoxa us 70-01

Poises

Paste

Densisty 25c 77f

epoxa us 600-01

lb/gal

9.63 (4.37kg)

epoxa us 610-01

lb/gal

13.42 (6.1 kg)

epoxa us 70-01

lb/gal

13.11 (5.95 kg)

Starting Formulation Adhesive

Components	Units	Value
600-01 resin	pbw	100
70-01 curing agent	pbw	25
610-01 resin	pbw	100
70-01 curing agent	pbw	50

Physical Properties

Percent of solids epoxa 70-01 100

Storage, Handling and Safety

Please read and understand the latest MSDS before using epoxa us 70-01

Please refer to epoxa us website for more information on shelf life.

Exposure to these materials should be minimized and avoided, if feasible, through the observance of proper precautions, use of appropriate engineering controls and proper personal protective clothing and equipment, and adherence to proper handling procedures. None of these materials should be used, stored, or transported until the handling precautions and recommendations as stated in the Material Safety Data Sheet (MSDS) for these and all other products being used are understood by all persons who will work with them. Questions and requests for information on epoxa us incorporated products should be directed to your epoxa us sales representative. Information and MSDSs on non epoxa us products should be obtained from the respective manufacturer.

Packaging

Available in gallon and drum quantities.

Contact Information

For product prices, availability, or order placement, MSDS and technical help please contact us.

www.epoxaus.com

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