



## Curing Agents

### epoxa us™ 63-01

#### Description

epoxa us™ Curing Agent 63-01 is a low-medium viscosity blue color epoxy hardener formulated for the bonding and encapsulation of bristles in all types of brushes, brooms and any item that holds fibers or hair type material. It is also used in tools of many kinds like hammers, screwdrivers and specialty ones.

#### Applications

- \* Brushes of all types
- \* Hammer adhesive, anchoring
- \* Specialty tool adhesive
- \* Metal anchoring
- \* Furniture metal and wood

#### Key Features and Benefits

- Two different resins can be mixed at different ratios (603-01 / 605-01) to obtain ideal viscosity part A
- Fast cure at room temperature or by applying moderate heat
- Excellent penetration, easy to use
- Great chemical resistance against solvents, oils and water
- Non abrasive mix, ideal for automated equipment

#### Sales Specification

Property	Units	Value	Test Method/Standard
Amine value	mg/g	1300	ASTM D2896
Viscosity at 25°C	cP	200-300	ASTM D2196
Color	Visual	Blue	ASTM D1544

#### Typical Properties

Property	Units	Value	Test Method/Standard
Equivalent weight, approx.		45	
Density @ 25 °C	lbs/gal	8.2	ASTM D1475

## 63-01

Flash point	° C	>213	ASTM D3278
Appearance		Intense blue liquid	
Mix ratio with			
epoxa us 603-01 / 605-01	phr	8-14	BY WEIGHT

### Mixing Ratio

#### Possible combinations

epoxa us 603-01	epoxa us 605-01	epoxa us 63-01
100	0	14
75	25	12.5
50	50	11.0
25	75	9.5
0	100	8

### Component Properties

#### 25°C

epoxa us 603-01	Poises	70-90
epoxa us 605-01	Poises	3500-4500
epoxa us 63-01	Poises	2-3

### Densisty 25c 77f

epoxa us 603-01	lb/gal	13.07
epoxa us 605-01	lb/gal	16.40
epoxa us 63-01	lb/gal	8.32

### Starting Formulation Brush Adhesive

Components	Units	Value
603-01 resin	pbw	50
605-01 resin	pbw	50
63-01 curing agent	pbw	100
Mixing Ratio	by weight	100 to 11

### Physical Properties

Percent of solids epoxa 63-01	100
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**Storage, Handling and Safety**

Please read and understand the latest MSDS before using epoxa us 63-01

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.

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