

Product information

SUNMIDE[®] 305-70X

Curing Agent

DESCRIPTION

Sunmide 305-70X is a polyamide amine widely used as a room temperature curing agent of epoxy resins in solvent-based protective coatings. When used with solid epoxy resin, Sunmide 305-70X has good adhesion, high flexibility, long pot life and all around good properties.

TYPICAL PROPERTIES

Property	Value	Unit	Method
Amine Value	170	mg KOH/g	
Non Volatile	70	%	
Viscosity @ 25°C / 77 °F	1300	cP	
Color	6	Gardner	
Specific Gravity	0.94		
Flash point	32	°C	Closed Cup
Solvent	Xylene		
Equivalent Wt/{H}	180		solid
	257		solution

ADVANTAGES

- Ambient cure
- Low toxicity
- Good flexibility and toughness
- Long pot life
- Good water and corrosion resistance

APPLICATIONS

- Solvent-based protective coatings, e.g. primers, finishes and coal tar epoxy coatings.
- Industrial maintenance coatings
- Marine coatings

SHELF LIFE

- Stable under temperate or tropical conditions.
- Recommended shelf life – 1 year

STORAGE AND HANDLING

Refer to the Safety Data sheet for Sunmide 305-70X curing agent.

TYPICAL FORMULATION RATIO

Epoxy (EEW 230 - 270) / Sunmide 305-70X = 100 / 72

Epoxy (EEW 450 - 500) / Sunmide 305-70X = 100 / 38

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