

# 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.

## 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 PROPERTIES

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

## TYPICAL FORMULATION RATIO

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

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

Epoxy Curing Agents and Modifiers

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