

Product Data Sheet

LIT/0612-923

JOINTMINE 923

INTRODUCTION

JOINTMINE 923 is a modified cycloaliphatic amine curing agent. It is a low viscosity and allows to cure at low temperature conditions. Cured epoxy exhibit high gloss, good color stability and chemical resistance.

CHARACTERISTICS

- Good curing at low temperature
- Transparent and light in color
- Fast cure & cure at damp surface
- Resistance to chemicals and solvents

APPLICATIONS

- Fast cure and non-solvent coatings
- Casting of transparent items
- Artificial flowers water drop
- Chemical resistance coating
- Tile grouts

PACKING

200kgs net in steel drum

STORAGE CONDITIONS

At least 12 months from the date of manufacture in the original sealed container at ambient temperature. store away from excessive heat and humidity in tightly closed containers.

SPECIFICATION

Appearance	Transparent liquid
Amine value (mg KOH/g)	320 ± 20
Color (Gardner)	<2
Viscosity (@25°C, cPs)	80 ~ 170
Specific Gravity @25°C	0.95 ± 0.02
Equivalent Wt (H)	87

TYPICAL PROPERTIES

Mix Ratio (phr, EEW=190)	46 ~ 50
Pot life (100g, 25°C)	18mins
Peak exotherm temperature (100g @25°C)	172°C

CHEMICAL IMMERSION TEST*

Epoxy resin e.g. Epikote	#815	#814
30% HNO ₃	Poor	Poor
15% HF	Good	Good
30% H ₂ SO ₄	Excellent	Excellent
25% HCl	Excellent	Excellent
10% NaOH	Excellent	Excellent

* Curing conditions 3days @25°C

* Immersion duration 9days @ 25°C