



## VIJ20540VFD

### Phenalkamine Curing Agents

#### TECHNICAL DATASHEET

**VIJ 20540VFD** is a solvent-free, medium viscous Phenalkamine curing agent designed specially for pipe coating application. It has excellent rapid cure with good hardness properties, even at low temperature, and provides good adhesion over wet surfaces. It provides very good chemical and corrosion resistance. The viscosity of the products is suitable for its application as pipe coating.

Property	Typical Value
Appearance	Orange - red
Color (Gardner)	13 to 14
Viscosity at 25°C ( cPs )	4000 - 5500
Amine value ( mgKOH/g )	500 - 520
AHEW	81
Volatile Loss	solvent free
Recommended Use Level (EEW 190)	100 : 40

\* Tested at recommended phr with liquid epoxy resin EEW equal to 190

#### PERFORMANCE PARAMETER

parameter	observation
VIJ20540VFD	
Liquid Epoxy resin (EEW190)	100 gm
Hardener VIJ20540VFD	40 gm
Gel time at 25 ° C	16-17 minutes
Hard dry time at 25 ° C	2.5 hours
Appearance of the film	clear film with high gloss

For further information contact



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**VIJAI POLY PRODUCTS PVT. LTD.**

## **APPLICATIONS**

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1. High solid pipe coatings.
2. Adhesives.
3. High solids industrial coating.

## **SAFETY PRECAUTIONS**

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Please refer to the material data sheet (MSDS).

## **STABILITY AND STORAGE**

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Phenalkamine may absorb moisture and carbon dioxide when left in an open container, which could result in increased viscosity, discoloration, reduction of reactivity, and/or crystallization of the products. This product should be kept tightly sealed in its original container when not in use, and stored in a cold, dry place. Expiry of the product is six months from the date of manufacture.

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