

Technicure® 54

CAS # 90-72-2

Description:

Technicure 54, 2,4,6-Tris(dimethylaminomethyl) phenol, is commonly used as a cure accelerator in epoxy resin based formulations. Typical loading level as an accelerator is about 0.5 to 8 phr in a standard DGEBA type liquid epoxy resin (EEW=190) based formulation

Advantages:

- Low viscosity
- Very good accelerator for polyamides, amidoamines, anhydrides and polycarboxylic acids
- Accelerates thin film set time
- Accelerates cure under damp and cold conditions
- Provides good adhesion to concrete

Typical Applications:

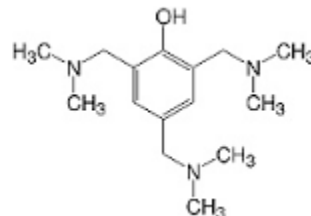
- Two-component adhesives
- Concrete primers
- Coatings
- Composites such as filament winding
- Electrical potting and encapsulation

Handling Precautions:

Refer to the product Safety Data Sheet

Storage Stability:

At least 24 months from the date of manufacture in original sealed container at ambient conditions, stored away from excessive heat and humidity.



2,4,6-Tris(dimethylaminomethyl)phenol

Typical Properties:

Appearance:	Yellow to brown transparent liquid
Viscosity (@25°C):	80-250 cPs
Gardner color:	6 max.
Amine Value:	600-630 mgKOH/gm
Purity:	96% minimum
Loss on drying:	0.5% maximum

Recommended use level with Epoxy resin (EEW=190): 0.5-8 PHR

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