

Technicure® 3800

Description:

Technicure® 3800 is a mercaptan (SH) terminated liquid curing agent which imparts rapid-cure profile to epoxy resins in combination with tertiary amines. These systems are unique in that they also provide rapid cure rates at low temperatures and in thin films.

Advantages:

- Rapid Cures even at Low Temperatures
- Rapid Cure in Thin Film
- Rapid Development of Full Strength
- Low Toxicity
- Excellent Color

Typical Applications:

DIY Adhesives
Industrial Adhesives
Anchor Bolt Adhesives
Road Marker Adhesives

Typical Properties:

Appearance	Colorless liquid
Color, APHA	Max. 20
Mercaptan content	Min. 12
Viscosity@25 °C, cPs	12,000 -14000

Use:

Technicure® 3800 is a unique polymercaptan epoxy curing agent which, when used with a catalyst such as a tertiary amine (Technicure® K54 or similar), provides rapid cures of epoxy systems, even in thin films and at low temperatures. A properly selected catalyst can provide gel times as short as 4 minutes. A two part epoxy system can be obtained by blending the tertiary amine into the Technicure® 3800 to produce the epoxy hardener system. In the blending process, care should be taken to avoid introducing iron contamination. Fillers and additives can be blended in the formulation.

Storage and Handling:

Technicure® 3800 should be kept in tightly closed containers when not in use and stored in a cool, dry place. Please refer to the Safety Data Sheet for additional information.

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