

Curing Agent PR-13

A low viscosity, phenol free modified cycloaliphatic amine, designed for use as a general-purpose, ambient temperature curing agent for liquid epoxy resins.

Curing Agent PR-13 offers excellent colour stability and delivers a good curing performance under a variety of conditions including high humidity and temperatures as low as 5°C.

Curing Agent PR-13 ensures excellent resistance to carbonation and bloom and has a convenient loading of 50 PHR (50 parts of curing agent per 100 parts of resin).

Technical Specification

Colour	Gardner 3 max
Appearance	Pale amber liquid
Viscosity @ 25°C	2 – 3 poise
Amine value (KOH/g)	295 mg
Gel time @ 25°C	24 minutes
Recommended usage	50 PHR epoxy resin, eew. ca.190
Typical cure schedule	7 days @ 25°C (full cure)

Chemical Resistance

Curing Agent PR-13 gives excellent resistance to aqueous mineral acids and detergents, very good resistance to aromatic hydrocarbons, but poor resistance to ketones and alcohols.

Handling Precautions

Wear goggles, impervious gloves and protective clothing. In the event of any skin contact the affected should be washed thoroughly with soap and water.

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The Court, Kestrel Road, Trafford Park, Stretford, Manchester M17 1SF
w: prepoxy.com | e: hello@prepoxy.com | t: +44 (0) 1618 727 618