



Bac2 Limited
Basepoint Romsey
Premier Way
Romsey
SO51 9AQ

Tel: +44 (0) 1794 329342

E-mail: enquiries@bac2.co.uk

Website: www.bac2.co.uk

Product Data Sheet

CSR800

Non Aqueous

Liquid Latent Catalyst

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CSR 800

Non Aqueous

Liquid Latent Catalysts

CSR800 is a latent catalyst in organic solvent for use with acid polymerisable pre-polymers. The latent catalyst technology is based on thermally decomposable hydroxylamine chemistry. The catalysts contain strong acids. **CSR** catalysts are rapidly activated at temperatures above 120°C. Slower activation at temperatures above 50°C is possible.

CSR Latent Catalysts should be treated as strong acids when first mixing with acid curable resins

| Properties | CSR800 |
|--------------------|----------------------------|
| Form | liquid |
| Colour | brown |
| Acid concentration | 2.67 moles l ⁻¹ |
| Specific gravity | 1.03 g cm ⁻³ |
| Solvent | Methyl isobutyl ketone |

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Applications: Compression moulding, glass composites, carbon and graphite composites, foams, inks, adhesives, coatings, pre-pregs, binders.

Addition rates: Typically 1.0% to 5% based on resin weight. If resin pH is high (>8) then higher percentages may be required.

Mixing: Can be mixed into resin or added to resin during pre-mix production. Consult with Bac2.

Shelf life: 12 months at ambient temperature in sealed container. If crystals form then warm to 30°C until dissolved.

Handling: Avoid inhalation of vapour or mist.
See supplied MSDS

Storage: Product should be stored between 15 and 25°C in plastic containers.
See supplied MSDS

Bac2's latent catalysts are based on recently filed WIPO Patent Application WO/2010/094979 Further technical information may be obtained from Bac2 Ltd.

Notice to Users: To the best of our knowledge, the information contained herein is accurate. Final determination of suitability of the material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution.