

# Product Information

## Epoxy Resin 0164

### Product Description:

Epoxy Resin 0164 is a clear liquid resin that is the reaction product of bisphenol-A and epichlorohydrin. It is a general purpose, widely used epoxy resin. A variety of curing agents can be used including aliphatic polyamines, polyamides, amidoamines, cycloaliphatic amines and other modified versions of these curing agents. These systems can be cured at higher temperatures to improve properties such as chemical resistance and glass transition temperature.

### Applications:

Epoxy Resin 0164 is suitable for use in the following:

- Adhesive
- Can & coil coating
- Casting & tooling
- Filament winding
- Potting & encapsulation
- Automotive coating
- Composite material
- Civil engineering applications
- Marine & protective coating

### Specifications:

Parameters (units)	Specifications
Appearance	Clear liquid, no visible impurities
Color (APHA)	≤ 50
Epoxy equivalent weight (g/eq)	183 - 194
Hydrolyzable chlorine content (%)	≤ 0.05
Volatiles, heated to 150 °C for 40 mins (%)	≤ 0.3
Viscosity, at 25 °C (mPa.s)	10000 - 14000

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## Packaging:

Material is available in ISO tanks. Further packaging options may be available upon enquiry.

## Storage:

Product should be stored in a dry place in sealed, original packaging away from direct sunlight. Under these conditions the shelf life should be a minimum of 12 months from date of manufacture. Under certain circumstances, such as low temperature, this product can crystallize after lengthy storage, this can be reversed by warming up to 60-70 °C while stirring.

## Safety:

For further safety information refer to product SDS available from your Bisley International contact.

Disclaimer: This document is for information purposes only. Customers are responsible for testing and confirming the suitability of this product in their application. To the extent permitted by law, no warranty as to merchantability or fitness of purpose, expressed or implied, is made.

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