



TECHNICAL DATASHEET

ADR230 Klearkast Epoxy Resin

General Description

ADR 230 is a low viscosity, solvent free epoxy resin, formulated for deep casting and specifically formulated for use with ADH230. ADR230 cures at ambient temperatures with a low exotherm and long open time. It contains a low level of blue pigment to combat yellowing with age.

Typical Applications

- Embedding objects such as flowers (larger pours are layered)
- Jewellery
- Knife handles & pen blanks
- Electrical potting
- Epoxy resin for crafts
- Knot hole filling
- River tables

Mix Ratio

Mix 100 parts of ADR230 resin to 30 parts ADH230 hardener by weight.

Uncured Properties

	ADR230 Resin	ADH230 Hardener
Physical State:	Clear with blue tint	Clear/light amber
Specific Gravity (g/ml)	1.15	0.95
Viscosity @ 20°C (cPs)	1160	30

Cured Properties

With ADH 230		
Pot Life 1Kg @ 20°C	To tack free: 21 Hours	To fully cured: 60 Hours

Note: Typical properties and not to be construed as actual specifications. pph = parts per hundred parts of resin.

Note: Our products are intended for sale to industrial and commercial customers. We request that customers inspect and test our products before use and satisfy themselves as to contents and suitability. Nothing herein shall constitute a warranty, express or implied, including any warranty or merchantability or fitness, nor is protection from law or patent to be inferred. All patent rights are reserved. The exclusive remedy for all proven claims is replacement of our materials and in no event shall we be liable for special or consequential damages.

Pack sizes

ADR230	ADH230
3.33Kg	1Kg
10Kg	3Kg
20Kg	6Kg

Storage

ADR230 will keep for 2 years if kept in original containers at room temperature (15°C – 20°C) and out of direct sunlight. Containers should be tightly sealed to prevent moisture absorption.

Health & Safety

Adhesive Technologies NZ Ltd provides its customers with a product specific Material Safety Data Sheet (MSDS) to cover potential health effects, safe handling, storage, use and disposal information.

Direct skin contact should be avoided. All amines have a moderate sensitising potential and should be considered as mild skin corrosives. ADR 250 should not be ingested; in an unlikely event ADR 250 is ingested, see your nearest physician immediately.

- Use with good ventilation and adequate safety equipment including gloves.
- If skin contact occurs, wash with lanolin-based hand-cleaner and water.
- If eye contact occurs, immediately wash for 15 minutes with running water.

If swallowed:

Resins - DO NOT induce vomiting, and contact a doctor or the Poisons Information Centre.

Hardeners – DO NOT induce vomiting, give plenty of milk or water and contact a doctor or Poisons Information Centre.