

HyPoxTM UA10
Urethane Modified Bisphenol A
Epoxy Resin

DESCRIPTION

HyPox UA10 is a standard Bisphenol A epoxy resin which has been modified with a select thermoplastic polyurethane (TPU). When cured, HyPox UA10 provides tenacious bonds to PVC. Curing agents suggested for use with HyPox UA10 include amidoamines and polyamides. Some applications may require the addition of ERISYS GE-23, GE-24 or GE-35 to HyPox UA10 to reduce its viscosity and provide a greater degree of flexibility. For exceptionally difficult PVC bonding applications, the formulator may consider the addition of from 1 to 5 phr M-Pyrol to further reduce viscosity and/or "bite into" the substrate. HyPox UA10 can be considered for use on vinyl floors, vinyl sports surfaces or any other vinyl adhesive application.

HyPox UA10 can also be considered as a reactive additive which will improve the toughness/flexibility of your formulation.

APPLICATIONS

- ☐ Adhesives for PVC
- ☐ Toughening modifier for other epoxy formulations
- ☐ Modifier for improving thermal shock and peel resistance

TYPICAL PROPERTIES

Appearance	Slightly hazy
Viscosity @ 25°C, poise	5,000 – 8,000
Epoxide Equivalent Weight, g/eq	210 - 220
Gardner Color, max	2
Weight per Gallon, @ 25°C, lbs.	9.7 ± 0.1

HEALTH & SAFETY PRECAUTIONS

HyPox UA10 is not a primary skin irritant and sensitizer. However, as with any epoxy material, irritation can result from repeated or prolonged contact. The symptoms of this irritation may appear as a mild reddening or a more pronounced rash. It is, therefore, important to avoid skin contact where possible. Rubber gloves, full eye protection, and protective clothing are recommended.

Refer to the **CVC Thermoset Specialties** Material Safety Data Sheet on HyPox UA10 for additional safety & handling information. The MSDS is revised as new data becomes available.

PACKAGING & AVAILABILITY

HyPox UA10 is available in 55 gallon steel non-returnable open head drums (450 lbs. net) and 5 gallon plastic pails (45 lbs. net). Bulk deliveries are available on request.



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HyPox™ UA10

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