

HyPox[®] UA10

Thermoplastic Urethane Toughened-BADGE Adduct
CAS No. 25068-38-6

DESCRIPTION

HyPox UA10 is a standard bis-A epoxy resin toughened 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 that will improve the toughness and flexibility of your formulation.

APPLICATIONS

- Adhesives for PVC
- Toughening modifier for bis-A epoxy formulations
- Modifier for improving thermal shock and peel resistance

TYPICAL PROPERTIES

Appearance	Slightly hazy
Viscosity @ 25 °C, cps	650,000 – 800,000
Epoxide Equivalent Weight, g/eq	215
Gardner Color, max	2
Weight per Gallon, @ 25 °C, lb.	9.7 ± 0.1
TPU Content, %	12

PACKAGING & AVAILABILITY

HyPox UA10 is available in 55 gal. steel non-returnable open head drums (450 lb. net) and 5 gal. plastic pails (45 lb. net).

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 Safety Data Sheet on HyPox UA10 for additional safety and handling information. The MSDS is revised as new data becomes available.

DISCLAIMER

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