

# BenyoCoat<sup>®</sup> BPE Series

BenyoCoat<sup>®</sup>BPE series is a modified polyurethane prepolymer.

Epoxy resins possess excellent properties, which is why they are used in heavy-duty corrosion-resistant coatings for both indoor and outdoor applications. However, they can become brittle. Epoxy resins are often modified to meet the performance requirements of the final application. For instance, modifications can enhance flexibility, although this may affect the system's hardness. The challenge for epoxy resin formulators is to balance the needs for flexibility and hardness without compromising other performance characteristics.

BenyoCoat<sup>®</sup>BPE, an epoxy resin functional toughening agent, can overcome this challenge by increasing flexibility (i.e.. achieving so-called impact resistance) while maintaining hardness.

- Good Adhesion Strength
- Advanced humidity and aging resistance

## Data

Series No.	Color	NCO %	Viscosity mPa·s/25°C	SG
BPE-620	Yellow~Brown	2.0	30000	1.05