

Macekote 240H • Aliphatic, Polyester-based PUD

KEY FEATURES

- Good film formation in humid conditions
- Outstanding abrasion resistance
- High/ low temp resistance, weatherability
- Excellent chemical resistance
- Quick hardness development
- Superb mar & scuff resistance
- Excellent impact resistance
- Clear and glossy films
- Crosslinkable with water dispersable isocyanates

DESCRIPTION & USES

Macekote 240H is an aliphatic, polyester based, low particle size, aqueous polyurethane dispersion with hydroxyl functionality. The product is one of our hardest polyurethanes giving clear, glossy, dry films with excellent adhesion characteristics and superb alkali and solvent resistance when crosslinked with aziridine, carbodiimide, or water dispersible isocyanate systems such as Solvay's Easaqua XM 501 (5-15% on a wet basis). Due to its high adhesion characteristics Macekote 240H is used on rigid substrates such as vinyl, plastic, metal and other tough to adhere to surfaces. Coatings made with this product have excellent flexibility for impact resistance as well as good gloss retention.

PHYSICAL PROPERTIES

Chemical Class	Aliphatic polyester
Wet appearance	Translucent
Viscosity cps	200-800
Solids %	35 ± 1%
pH	7.50 – 8.50
Water %	56
VOC g/l calculated	200
Modulus PSI	NE

Tensile PSI	NE
Elongation %	NE
OH equivalent wt	2400
Freeze/ thaw stability	yes
Thermal stability	yes
Product density	8.51 lbs/ gal
Emulsion class	Anionic

HANDLING & STORAGE

Store this product above 70°F and prevent from freezing. Consult SDS before using.

The information contained herein relates to a specific Mace Polymers & Additives product and its use, and is based on information available as of the date issued. Additional information relating to the product can be obtained from the related SDS. Nothing in this data sheet shall be construed to constitute a representation or warranty, express or implied, regarding the product's characteristics, use, quality, safety or fitness for a particular purpose. Additionally, no statements made herein may be construed as permission or recommendation to use any intellectual property without permission of the owner.

Mace Polymers & Additives Inc.
A COMPANY OF PROTEX INTERNATIONAL

38 Roberts Road (PO Box 1517), Dudley, MA 01571
(508) 943-9052 • info@maceco.com • www.maceco.com