

Macekote 2641

Technical Data Sheet

Key Features

- Superior Hydrolytic Stability
- Abrasion resistant
- Good adhesion
- Thermoplastic
- Clear, glossy non-yellowing films
- Crosslinkable

Description & Uses

Macekote 2641 is a fully reacted aliphatic polyurethane supplied as a fine particle size dispersion in water and co-solvent. It dries to form tough, clear, high gloss, thermoplastic, elastomeric films. Macekote 2641 has excellent adhesion, high flexibility, and is resistant to hydrolysis and abrasion. Macekote 2641 was developed primarily for the formulation of flexible topcoats. Typical end uses include top coatings for paper, thread, vinyl and leather. Macekote 2641 is a high performance water based urethane designed to replace traditional solvent based resins. Contact your Mace Company representative for specific additive recommendations and typical starting formulations. You can enhance the performance of Macekote 2641 by using our C-70 crosslinker 4% by weight on wet basis.

Physical Properties

Chemical Class	Aliphatic polyether	Tensile PSI	4500
Wet Appearance (relates to particle size)	Translucent	Elongation %	300
Viscosity cps	1,500 – 3,500	Gloss	90
Solids %	35 ± 1 %	Sward hardness	41
pH	7.50 – 8.50	Freeze/thaw stability	> 6 cycles
Water %	54.6	Thermal stability	yes
Voc g/l calculated	205	Product density	8.42 lbs/gal
Modulus PSI	2400	Emulsion class	Anionic

Handling: Store this product above 70° F and prevent from freezing. See material safety data sheet before use. The technical data or recommendations are given to the best of our knowledge but carry no guarantee or acceptance of responsibility. This data sheet becomes invalid as soon as a new edition has been published. Please contact us for the latest version. Issue date 10/04.

Mace Company

EST. 1965

The Polyurethane Specialists

Specializing in Custom Design & Manufacturing

Mace Adhesives & Coatings Co., Inc. 38 Roberts Road, P.O. Box 37, Dudley, MA 01571
Toll free 888-205-8126 Phone 508-943-9052 Fax 943-6527 Email info@maceco.com