

Macekote 5574

Technical Data Sheet

Key Features

- Co-solvent free
- High solids with low viscosity
- Very soft binder
- Good compatibility with acrylics
- Soft hand
- Very economical urethane

Description & Uses

A fully reacted polyether based co-solvent free polyurethane supplied as a high solids, low viscosity, aqueous dispersion. Macekote 5574 exhibits wide utility in the formulation of economically priced, low VOC coatings for flexible substrates. It imparts a soft hand and has a superior performance to cost ratio. Typical end use applications include coatings for textiles and leather and blending with acrylics to enhance properties. Contact your Mace representative for specific compounding additive recommendations and typical formulations.

Physical Properties

Chemical Class	Aliphatic polyether	Tensile PSI	150
Wet Appearance (relates to particle size)	Milky	Elongation %	1500
Viscosity cps	30 -- 70	Gloss	76
Solids %	50 ± 1 %	Sward hardness	3
pH	7.50 -- 8.50	Freeze/thaw stability	no
Water %	49.3	Thermal stability	yes
Voc g/l calculated	4.5 (estimated residual TEA)	Product density	8.39 lbs/gal
Modulus PSI	50	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

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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