

Macekote 8947

Technical Data Sheet

Key Features

- Excellent adhesion characteristics
- Outstanding water resistance
- Crosslinkable
- Soft hand
- Clear and glossy films
- Flexible but tough

Description & Uses

Macekote 8947 is an aliphatic, polyester based, aqueous polyurethane supplied as a low particle size dispersion. Macekote 8947 is a soft polyurethane giving clear, glossy, dry/slick films with good adhesion characteristics. Designed for rigid & flexible substrates. Used as a base or top coat on wood, vinyl, plastic, paper, metal and other substrates. You can enhance the performance of Macekote 8947 by using our C-70 crosslinker 4% by weight on wet basis.

Physical Properties

Chemical Class	Aliphatic polyester	Tensile PSI	3900
Wet Appearance (relates to particle size)	Translucent	Elongation %	800
Viscosity cps	100 – 300	Gloss	88
Solids %	35 ± 1%	Sward hardness	14
pH	8.00 – 8.50	Freeze/thaw stability	yes
Water %	52.6	Thermal stability	yes
Voc g/l calculated	276	Product density	8.58 lbs/gal
Modulus PSI	500	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

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The Polyurethane Specialists

Specializing in Custom Design & Manufacturing

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