

Macekote 7414

Technical Data Sheet

Key Features

- Outstanding adhesion to difficult substrates
- Soft, flexible but tough films
- Wash resistance when crosslinked
- Clear, glossy films
- Thermoplastic
- Crosslinkable

Description & Uses

Macekote 7414 is a fully reacted aliphatic polyester based polyurethane in water and co-solvent. Macekote 7414 produces a rubbery but tough film with excellent adhesion and durability. Applications include coatings for textiles, film, foil, paper, and metal. Macekote 7414 can be used as a binder for formula enhancement. You can enhance the performance of Macekote 7414 by using our C-70 crosslinker 4% by weight on wet basis.

Physical Properties

Chemical Class	Aliphatic polyester	Tensile PSI	2075
Wet Appearance (relates to particle size)	Opaque	Elongation %	740
Viscosity cps	30 – 70	Gloss	85
Solids %	35 ± 1 %	Sward hardness	7
pH	8.00 – 8.50	Freeze/thaw stability	yes
Water %	56.8	Thermal stability	no
Voc g/l calculated	209	Product density	8.72 lbs/gal
Modulus PSI	450	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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