

Macekote 1371 Z Technical Data Sheet

Key Features

- Outstanding adhesion to difficult substrates
- Soft, flexible but tough films
- Wash resistance when crosslinked
- Clear, glossy films
- Co-solvent free, no NMP.
- Crosslinkable

Description & Uses

Macekote 1371 Z is a fully reacted, aliphatic, co-solvent free, Zero NMP, polyurethane dispersion for producing heat-activated adhesives with a low activation temperature. Macekote 1371 Z produces soft but tough films with excellent heat and water resistance without an external crosslinker & any additional cosolvents. Macekote 1371 Z is used to formulate adhesives for marine applications like sportswear and deck bonding. Macekote 1371 Z may be crosslinked with carbodimides or polyaziridines to further enhance performance.

Physical Properties

Chemical Class	Aliphatic polyester	Tensile PSI	2280
Wet Appearance (relates to particle size)	Opaque	Elongation %	1000
Viscosity cps	100 -- 300	Gloss	75
Solids %	35 ± 1%	Sward hardness	7
pH	8.00 – 9.00	Freeze/thaw stability	yes
Water %	63.8	Thermal stability	no
Voc g/l calculated	34 (estimated residual TEA)	Product density	8.64 lbs/gal
Modulus PSI	265	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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