

Macekote 1371Z • Fully Reacted Aliphatic PUD with Zero NMP

KEY FEATURES

- Outstanding adhesion to difficult substrates
- Soft, flexible but tough films
- Wash resistance when crosslinked
- Clear, glossy films
- Co-solvent free, Zero NMP
- Thermoplastic & Crosslinkable

DESCRIPTION & USES

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

PHYSICAL PROPERTIES

Chemical Class	Aliphatic polyester
Wet appearance	Opaque
Viscosity cps	100-300
Solids %	35 ± 1%
pH	8.00 – 9.00
Water %	63.8
Voc g/l calculated %	34 (est. residual TEA)
Modulus PSI	265

Tensile PSI	2280
Elongation %	1000
Gloss	75
Sward hardness	7
Freeze/ thaw stability	yes
Thermal stability	no
Product density	8.64 lbs/ gal
Emulsion class	Anionic

HANDLING & STORAGE

Store this product above 70°F and prevent from freezing. Consult SDS before use.

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