

Macekote NT-2876Z • Aliphatic, Polyester-based Zero NMP PUD

KEY FEATURES

- Outstanding dirt release properties
- Excellent mechanical & chemical resistance
- High/ low temp resistance, weatherability
- Enhanced adhesion on crosslinking
- Super mar & scuff resistance
- Excellent impact resistance
- Clear and glossy films
- Zero NMP

DESCRIPTION & USES

Macekote NT-2876Z is an aliphatic, polyester based, low particle size, zero nMP aqueous polyurethane dispersion. The product is one of our hardest polyurethanes, giving clear, glossy, dry films with superb alkali and solvent resistance. Macekote NT 2876-Z is designed for rigid & flexible substrates and used on metal and other rigid substrates. This product can be crosslinked with polyaziridine or carbodiimides for enhanced performance properties. On thorough drying, uncrosslinked Macekote NT 2876-Z yields the solvent resistance properties of a crosslinked system, with no pot life issues.

PHYSICAL PROPERTIES

Chemical Class	Aliphatic polyester
Wet appearance	Milky liquid
Viscosity cps	400 ±200 cps
Solids %	35 ± 1%
pH	7.50- 8.50
Water %	51.3
Voc g/l calculated	292
Modulus PSI	NA ¹ (not brittle)

¹ Modulus at 100% elongation, if elongation is less than 100% then Modulus information is not applicable

Tensile PSI	9000
Elongation %	N/A ² (not brittle)
Gloss	91
Sward hardness	89
Freeze/ thaw stability	yes
Thermal stability	yes
Product density	8.51 lbs/ gal
Emulsion class	Anionic

² Elongation reading was less than 5% and/ or did not register on the testing apparatus

HANDLING & STORAGE

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

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