

# Macekote 7223

## Technical Data Sheet

### Key Features

- Good adhesion without crosslinkers
- Film tends to crystallize to give good bonds
- Prevents plasticizer migration on vinyls
- Carboxylated for crosslinking
- Low temperature softening
- Can be used as a heat seal

### Description & Uses

A fully reacted aliphatic polyurethane supplied as a fine particle size dispersion in water and co-solvent. Macekote 7223 produces unique abrasion and solvent resistant films that crystallize. Can be used for bonding fabric, vinyl, rubber, plastics, foam, wood via wet lamination involving at least one porous substrate and dry lamination via heat activation. You can enhance the performance of Macekote 7223 by using our C-70 crosslinker 4% by weight on wet basis.

### Physical Properties

<b>Chemical Class</b>	Aliphatic polyester	<b>Tensile psi</b>	5380
<b>Wet Appearance</b> (relates to particle size)	Translucent	<b>Elongation %</b>	500
<b>Viscosity cps</b>	100 -- 500	<b>Gloss</b>	83
<b>Solids %</b>	34 ± 1 %	<b>Sward hardness</b>	13
<b>pH</b>	7.50 – 8.50	<b>Freeze/thaw stability</b>	yes
<b>Water %</b>	54.4	<b>Thermal stability</b>	yes
<b>Voc g/L calculated</b>	294	<b>Product density</b>	8.73 lbs/gal
<b>Modulus psi</b>	660	<b>Emulsion class</b>	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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