

Macekote 5362

Technical Data Sheet

Key Features

- Outstanding wet adhesion
- Adhesion to difficult substrates
- Very Economical
- Good binder for acrylics
- Flexible films with moderate hand
- Crosslinkable

Description & Uses

A fully reacted, aromatic polyurethane resin in water developed primarily for flexible topcoats. Macekote 5362 produces a flexible film with good wet adhesion while maintaining a moderate hand. Macekote 5362 is a low cost aromatic polymer with good launderability. Typical applications are as a primary binder for flexible coating and adhesive formulations where light stability is not critical. Macekote 5362 has excellent adhesion to leather and vinyl. A true workhorse polymer that helps the formulator produce high performance coatings and adhesives at an economical price. You can enhance the performance of Macekote 5362 by using our C-70 crosslinker 4% by weight on wet basis.

Physical Properties

| | | | |
|---|--------------------|------------------------------|-------------|
| Chemical Class | Aromatic polyether | Tensile PSI | 4000 |
| Wet Appearance (relates to particle size) | Opaque | Elongation % | 400 |
| Viscosity cps \pm | 300 -- 700 | Gloss | 86 |
| Solids % | 35 \pm 1 % | Sward hardness | 34 |
| pH | 7.50 – 8.50 | Freeze/thaw stability | no |
| Water % | 61.6 | Thermal stability | yes |
| Voc g/l calculated | 91 | Product density | 8.5 lbs/gal |
| Modulus PSI | 1200 | 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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Specializing in Custom Design & Manufacturing

Mace Adhesives & Coatings Co., Inc. 38 Roberts Road, P.O. Box 37, Dudley, MA 01571
Toll free 888-205-8126 Phone 508-943-9052 Fax 943-6527 Email info@maceco.com