

# SWARCOTHERM PROFILE ALKYD BINDER

## THERMOPLASTIC PAVEMENT MARKING COMPOUND

SPECIFICATION: Meets general requirements for AASHTO M 249 with modifications for profilability



### PRODUCT COMPOSITION

A blend of maleic-modified glycerol ester of rosin, high boiling point plasticizers, glass beads, pigments and inert fillers

	WHITE	YELLOW LEAD-FREE
<b>Binder</b>	18%	18%
<b>Pigment</b>	10% min TiO2	N.A. Color Chip 13538, Std 595b
<b>Glass Beads</b>	35% min	35% min
<b>Inert Filler</b>	20-42%	20-42%

### PHYSICAL PROPERTIES

- **Specific Gravity** 2.15 max
- **Softening Point** 200° F min
- **Color Reflectance** 75% min after heating 4 hrs at 425° F-White
- **Color Reflectance** 45% min after heating 4 hrs at 425° F-Yellow
- **Drying Time** Less than 10 min at ambient temp of 90° F, 2 min @ 50° F
- **Flowability** 18% max white, 21% max yellow
- **Extended Flowability** 28% max (both colors)

### INTERMIX GLASS BEADS

- **Gradation** AASHTO M-247 Type I
- **Roundness** 70% min
- **Refractive Index** 1.50-1.55

### SPECIAL HANDLING YELLOW LEAD-FREE

Maintain temperature range during melting and heating for yellow formulations between 400-425° F.

## STORAGE

Keep product dry. Store at temperatures of less than 100° F. Protect from direct sunlight with protective covering. Shelf life is 12 months.

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If you have any questions about proper application techniques or other technical support issues, please contact your SWARCO sales or customer service representative.