

# SWARCOTHERM ALKYD BINDER

## THERMOPLASTIC PAVEMENT MARKING COMPOUND

SPECIFICATION: AASHTO M 249 for Thermoplastic Pavement Marking Material

\*100% of the glycerol rosin ester resin is maleic modified



### PRODUCT COMPOSITION

A blend of 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	N.A. Color Chip 13538, Std 595b
<b>Glass Beads</b>	30-40%	30-40%
<b>Inert Filler</b>	42% max	50% max

### PHYSICAL PROPERTIES

- **Specific Gravity** 2.15 max
- **Softening Point** 200° F min
- **Color Reflectance** 75% min after heating 4hrs at 425° F-White
- **Color Reflectance** 45% min after heating 4hrs at 425° F-Yellow
- **Bond Strength** 300+ psi
- **Drying Time** Less than 10 min at ambient temp of 90° F, 2 min @ 50° F

### INTERMIX GLASS BEADS

- **Gradation** AASHTO M-247 Type I
- **Roundness** 70-80%
- **Refractive Index** 1.50
- **Crushing Resistance** 30 pounds min

## 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.