

# SWARCOTHERM THERMOPLASTIC PAVEMENT MARKING COMPOUND

SWARCOTHERM ALKYD EXTRUDE (CITY/COUNTY 205)

- **SPECIFICATION:** AASHTO M-249 Specification incorporating changes required to meet specific state specifications.
- **COMPOSITION:** A blend of glycerol ester of rosin, high boiling point plasticizers, glass beads, pigments and inert fillers.

	<u>WHITE</u>	<u>YELLOW</u>	<u>YELLOW LEAD FREE</u>
Binder	18% min	18% min	19% min
Pigment	10-12%	N.A. color chip 13538, STD 595 (unless specified)	N.A. color chip 13538, STD 595 (unless specified)
Glass Beads	30-40%	30-40%	30-40%
Inert Filler	49% max	49% max	49% max

- **PHYSICAL PROPERTIES:**
  - Specific Gravity: 2.15 Max.
  - Softening Point: 200 F Min
  - Color Reflectance: 70% min after heating 4 hrs at 425°F-White
  - Color Reflectance: 45% min after heating 4 hrs at 425°F-Yellow
  - Bond Strength: 300+ PSI
  - Drying Time: Less than 15 min at ambient temp of 90° F.



- **INTERMIX GLASS BEADS:**
  - Graduation: Sized per state specification
  - 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.

- **IMPORTANT NOTE:** The specification outlined above is based on industry standards.