



# Smart Mark™ Alkyd

## Modified Maleic Glycerol Ester of Rosin Thermoplastic Pavement Marking

**Smart Mark™** Alkyd is an oil and grease resistant, durable thermoplastic pavement marking material. Maleic modifications to the base resin impart polar characteristics to the thermoplastic system that promote excellent retention of glass spheres over conventional aliphatic C-5 hydrocarbon thermoplastic systems. The cold flow properties of **Smart Mark™** Alkyd impart resistance to freeze thaw cracking. **Smart Mark™** Alkyd has excellent color, fluidity and heat stability. It is available in formulations suitable for screed/extrude or ribbon and spray applications. **Smart Mark™** Alkyd can be applied using conventional application equipment and can be applied over existing hydrocarbon and alkyd thermoplastic pavement markings.

Features	Benefits
Oil and Grease Resistance	Increased durability especially when used for intersection and transverse markings
Polarity and Functionality	Superior retroreflectivity through excellent retention of glass spheres
Properties	Superior resistance to cracking during multiple freeze thaw cycles
Heat Stability to 440°F	Good color and viscosity stability throughout multiple reheats
Available in Formulations Engineered for All Application Methods Screed/Extrude, Ribbon or Spray Formulations	Can be used for any marking need <ul style="list-style-type: none"> <li>• Intersections and transverse markings</li> <li>• Legends and symbols</li> <li>• Long-line durable markings</li> </ul> Suitable for application on asphalt or PCC
Available Forms / Packaging	<ul style="list-style-type: none"> <li>• Granular - powdered form</li> <li>• Solid - 50 lb pre-melted slab</li> </ul>

Shipping Point: Manchester, GA

Safety Information: Material Safety Data Sheet available upon request.

Product specifications and properties are available upon request.

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