



Product Data Sheet

SYLVALITE® RE 10L

Liquid Rosin Ester

SYLVALITE® RE 10L RESIN is a light colored, liquid rosin ester tackifier designed for applications requiring low odor and excellent stability. It provides the performance advantages of a premium rosin ester along with color, odor and stability previously available only from hydrogenated wood rosin esters.

SPECIFICATIONS*

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| Acid Number | 15 Maximum |
| Color, Gardner, neat | 4 Maximum |

TYPICAL PROPERTIES*

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| Acid Number | 10 |
| Color, Gardner, neat | 3 |
| Melt Viscosity, Brookfield, cps at 45°C (113°F) at 125°C (257°F) | 3000 25 |
| Pounds per Gallon, 25°C | 8.5 |

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| Recommended Uses: | SYLVALITE® RE 10L RESIN is recommended as an adhesive tackifier where the specific adhesion and wetting performance of a premium rosin ester is required along with extra-light color, low odor and excellent stability. Recommended uses include premium quality packaging, bookbinding, disposable, pressure sensitive and other adhesive applications as well as sealants, coatings and wax-based products. |
| Soluble in: | Aromatic and aliphatic hydrocarbon solvents, esters, ketones and chlorinated solvents. Insoluble in alcohol and water. |

Arizona Chemical Test Methods available on request.



Technical Service: Savannah, GA (912) 238-6556
Sales Service: Jacksonville, FL - (800) 733-1374

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| Compatible with: | Ethylene Vinyl Acetate (EVA) polymers, at all vinyl acetate levels, Ethylene Ethyl Acrylate, Styrene-Isoprene-Styrene (SIS), Styrene-Butadiene-Styrene (SBS), SBR, natural rubber, butyl rubber, neoprene, acrylic, amorphous polypropylene and other polymers and with phthalate and polyester plasticizers, alkyds, hydrocarbon resins and terpene resins. |
| FDA Status: | <p>SYLVALITE® RE 10L RESIN meets the ingredient requirements of the following section of the Code of Federal Regulations, Title 21 when used according to the regulations and any limitations that may apply:</p> <p>175.105 Adhesives</p> <p>175.300 Resinous & Polymeric Coatings</p> <p>176.170(b) Components of Paper & Paperboard in contact with Aqueous & Fatty Foods. Subject to final use extraction limitations of 176.170(c)</p> <p>176.180(b)(1) Components of Paper & Paperboard in contact with Dry Foods [by cross reference to 176.170(b)]. Subject to final use extraction limitations of 176.170(c).</p> <p>176.210 Defoaming Agents Used in Manufacture of Paper & Paperboard</p> <p>177.1210 Closures with Sealing Gaskets for food containers. Use only in resinous and polymeric coatings on metal substrates.</p> <p>177.2600 Rubber Articles Intended for Repeated Use</p> |
| DOT Shipping Classification: | Non-hazardous unless transported in bulk at elevated temperatures. Bulk molten material regulated as Class 9, Elevated Temperature Liquid, n.o.s.; DOT Identification Number UN 3257; Packing Group III |
| Shipping: | Viscous liquid in 55-gallon steel drums, 400 lb. net, or molten bulk. |
| Storage: | Prolonged storage should be avoided due to potential effect on performance. |

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