



Product Data Sheet

Rev: 6/05

SYLVARES® TR M1115

Polyterpene Resin

SYLVARES® TR M1115 Resin is a uniquely stable polyterpene resin based upon beta-pinene, which makes it an excellent tackifier for a variety of natural rubber and synthetic elastomer based adhesives. This resin is resistant to acids, alkalis, salts and water and is compatible with numerous compounding ingredients common to adhesives. It has a narrower molecular weight distribution, which improves compatibility with some adhesive elastomers.

SPECIFICATIONS*

Softening Point, Ring & Ball, °C	112 - 118
Color, Solid, Gardner	3- Maximum
Toluene insolubles, %	< 0.1
Chlorine	Negative

TYPICAL PROPERTIES*

Softening Point, Ring & Ball, °C	115
Color, Solid, Gardner	2.5
Toluene insolubles, %	< 0.05
Chlorine	Negative
Melt Viscosity, Brookfield, cps at 150°C (302°F) at 177°C (350°F)	8500 810
Pounds per Gallon, 25°C	8.5

Recommended Uses:	SYLVARES® TR M1115 Resin is used in pressure sensitive adhesives for tapes and labels, packaging, product assembly, hot-melt adhesives and wax investment casting compounds.
Soluble in:	SYLVARES® TR M1115 Resin is soluble in aliphatic, aromatic and chlorinated hydrocarbons, esters, terpenes, ethyl ether, and some alcohols. It is insoluble in glycols, ketones and most alcohols.

*Arizona Chemical Test Methods available on request.



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

The information and statements herein are believed to be reliable, but are not to be construed as a warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE. Nothing herein is to be taken as permission, inducement or recommendation to practice any patented invention without a license.



Product Data Sheet

SYLVARES® TR M1115

Polyterpene Resin

Compatible with:	This resin is compatible with natural rubber and most synthetic elastomers, polyethylene resins, ethylene-based copolymer resins, and most waxes and oils.
FDA Status:	SYLVARES® TR M1115 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: 175.105 Adhesives 175.125 Pressure Sensitive Adhesives 175.300 Resinous & Polymeric Coatings 176.170 Components of Paper & Paperboard in contact with Aqueous & Fatty Foods. Subject to final use extraction limitations of 176.170(c) 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). 177.1210 Closures with Sealing Gaskets for food containers. Use only in resinous and polymeric coatings on metal substrates.
DOT Shipping Classification:	Non-hazardous.
Shipping:	Flaked in multi-wall bags, 50 lb. net, or solid in galvanized steel rosin drums, 450 lb net.
Storage:	Minimize exposure to excessively high temperatures for extended periods.



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

The information and statements herein are believed to be reliable, but are not to be construed as a warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE. Nothing herein is to be taken as permission, inducement or recommendation to practice any patented invention without a license.