



Product Data Sheet

Revision date: 05/2011

UNI-TAC™ 70

Non-Crystallizing, Stabilized Rosin Tackifier

UNI-TAC™ 70 RESIN is a modified rosin, which offers an excellent combination of oxidation and crystallization resistance. This product functions as a tackifier for SBR, natural rubber, butyl rubber, ethylene-vinyl acetate and other polymers. Formulated in solvent-based and water-based adhesives, it exhibits no tendency to crystallize.

PROPERTIES	TYPICAL*	SPECIFICATIONS*
Softening Point, Ring & Ball, °C	79	78-85
Acid Number	140	128 - 145
Color, 50% in Toluene, Gardner	9	13 Maximum
Viscosity, 75% in Mineral Spirits, 25°C, Gardner	Z	
Melt Viscosity, Brookfield, cps at 125°C (257°F) at 150°C (302°F) at 177°C (350°F)	765 115 35	
Pounds per Gallon, 25°C	8.8	

Recommended Uses:	UNI-TAC™ 70 RESIN is used in water and solvent based construction adhesives including carpeting, flooring, framing and tile applications where good tack and stability are required. This resin is an economical tackifier for pressure sensitive, sealant, hot melt and rubber compounding applications.
Soluble in:	Aromatic and aliphatic hydrocarbon solvents and chlorinated solvents. Soluble at 50% or higher solids in ethanol, n-propanol and isopropanol. Insoluble in ethylene glycol, propylene glycol and water.

*Arizona Chemical Test Methods available on request.
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Technical Service: Savannah, GA (912) 238-6556
Sales Service: Jacksonville, FL - (800) 733-1374

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Compatible With:	SBR, natural rubber, butyl rubber, chlorinated rubber, neoprene, EVA, EEA, SIS and SBS copolymers, acrylic polymers, phthalate and polyester plasticizers, alkyds and hydrocarbon resins.
FDA Status:	UNI-TAC™ 70 RESIN meets ingredient requirements of the following Code of Federal Regulations, Title 21: 175.105 Adhesives 176.210 De-foaming Agents used in manufacturing of Paper and Paperboard 177.2600 Rubber Articles intended for repeated use – Emulsifiers. Plasticizers total not to exceed 30% of weight of rubber product.
DOT Shipping Classification:	Non-hazardous.
Shipping:	Flaked in multi-wall bags, 50 lb. net. Depending on storage and climatic conditions, it is subject to re-massing, but is readily broken up and is not considered a basis for rejection of the flaked product.
Storage:	Although flaked UNI-TAC™ 70 RESIN provides excellent shelf stability compared with other flaked resins, prolonged storage should be avoided due to potential effect on performance.



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