

Product Data Sheet

Staybelite[®] Ester 3

Triethylene Glycol Ester of Partially Hydrogenated Wood Rosin No. 4330

Product Description and Use

Staybelite[®] Ester 3 rosin, the triethylene glycol ester of partially hydrogenated wood rosin, is a pale, viscous, balsamic liquid with the resistance to oxidation and discoloration characteristic of the Staybelite series of rosin esters. It has found wide acceptance in hot melt, pressure sensitive, and ethylcellulose laminating adhesives. In general, it finds use where there is a need for a pale, nonoxidizing, color-stable, highly tacky liquid resin.

Applications

- Plasticizing tackifier in hot melt and pressure sensitive adhesives requiring high degrees of tack without significantly decreasing bond strength
- Adds tack to adhesives formulated with high softening point resins
- Component in depilatory waxes and other personal care preparations
- Laminating adhesives for industrial textiles
- Plasticizer for wide range of film-formers

Benefits

- Liquid
- Tacky, highly adhesive
- Oxidation resistant
- Readily emulsifiable
- Wide range of solubility and compatibility

General Sales Specifications

Color, USDA rosin scale, maximum.....	M
Acid Number	2-10
Viscosity at 100°C , SUS	350-425

Typical Properties

Color, USDA rosin scale.....	N
Acid Number	7
Viscosity at 100°C, SUS	385
Density at 25°C, lb/gal (kg/l)	9.0 (1.08)

Packaging**Package**

Drum, steel, unlined

Form

Liquid

Net Weight

450 lbs, 204.12 kgs

Regulatory/Classifications

CAS No. 68648-53-3

US DOT: Not regulated

International Nomenclature Cosmetic Ingredient (INCI): *Triethylene Glycol Hydrogenated Rosinate*

US FDA:	21 CFR 175.105	21 CFR 177.1200
	21 CFR 175.125(b)	21 CFR 177.1210
	21 CFR 175.300	21 CFR 177.1400
	21 CFR 175.320	21 CFR 177.2600
	21 CFR 175.390	21 CFR 178.3120
	21 CFR 176.170	21 CFR 178.3800
	21 CFR 176.180	21 CFR 178.3850
	21 CFR 176.200	21 CFR 178.3870
	21 CFR 176.210	

Other regulatory information available on request.

Product Safety

Read and understand the Material Safety Data Sheet before using this product.

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