



ADHESIVES & COATINGS, INC
QURETECH®
TECHNICAL DATA SHEET

Country Club Road, PO Box 628
 Grafton, WV 26354
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 Fax; 304-265-5202
 www.dyna-techadhesives.com
 www.quiretech.com

Providing Advanced Water-based and Energy
 Curable Coatings and Adhesives
 For Over 25 Years
 Clean, Safe, Worker Friendly

SureTac 1525

(Previously SureTac 1552)

25°C Aromatic Hydrocarbon Resin Emulsion

SureTac 1525 is a solvent-free waterborne emulsion of an aromatic hydrocarbon resin. It is useful for plasticizing various polymer latexes. This plasticizer increases adhesion to non-polar plastics, paper and corrugated surfaces. SureTac 1525 will improve low temperature performance and is useful in formulating pressure sensitive adhesives, packaging adhesives, contact cements, mastics and construction adhesives and sealants. SureTac 1525 can be used in conjunction with other tackifying resins to achieve desired pressure sensitive adhesive properties. If stabilization is required, we suggest starting with 3 – 5 parts (dry/dry) of a 25% nonylphenol ethoxylate surfactant, such as Igepal CO-630, to SureTac 1525 prior to mixing it with the latex.

FDA Status Complies with 21CFR175.105

Applications Plasticizing acrylic latexes, natural rubber/ SBR latex blends, natural rubber latex, EVA Latex and NBR latex

Typical Properties

Total Solids	55.0 ± 1.0
Viscosity; RVF #3 @ 30 RPM @ 23°C	3200 ± 500
pH	9.5 ± 1.0
Softening Point	25°C
Average Particle Size	< 0.5 micron

Tackifier response in Natural Rubber Latex:

Web:	1 mil Mylar®
Coatweight; dry mils	0.75
180° Peel Adhesion, lb./in, 30' dwell (1)	
40 Parts SureTac 1525 (dry/dry)	0.5
60 Parts SureTac 1525 (dry/dry)	1.0
80 Parts SureTac 1525 (dry/dry)	2.0
Loop Tack, lb./in ² (2)	
40 Parts SureTac 1525 (dry/dry)	2.0
60 Parts SureTac 1525 (dry/dry)	6.0
80 Parts SureTac 1525 (dry/dry)	7.0
Shear; ½" x ½" x 500 gms; hours (3)	
40 Parts SureTac 1525 (dry/dry)	4.4
60 Parts SureTac 1525 (dry/dry)	15
80 Parts SureTac 1525 (dry/dry)	11

/continued

This product information is presented in good faith and is to the best of our knowledge, accurate. It is intended to be used as a guide and is not to be construed as a specification for products described herein. Dyna-Tech does not guarantee satisfactory results in any application from reliance upon this information and assumes no liability for any loss or damage arising out of its use. Dyna-Tech recommends that the user of our products thoroughly test them under end use conditions to assure that they meet the requirements of intended applications.



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Tackifier response in SBR Latex (25% Styrene/75% Butadiene):

Web:	1 mil Mylar®
Coatweight; dry mils	0.75
180° Peel Adhesion, lb./in, 30' dwell (1)	
60 Parts SureTac 1525 (dry/dry)	0.9
90 Parts SureTac 1525 (dry/dry)	1.1
120 Parts SureTac 1525 (dry/dry)	1.6
Loop Tack, lb./in ² (2)	
60 Parts SureTac 1525 (dry/dry)	0.7
90 Parts SureTac 1525 (dry/dry)	1.0
120 Parts SureTac 1525 (dry/dry)	1.5
Shear; ½" x ½" x 500 gms; hours (3)	
60 Parts SureTac 1525 (dry/dry)	5
90 Parts SureTac 1525 (dry/dry)	3
120 Parts SureTac 1525 (dry/dry)	1

Tackifier response in a 60/40 SBR Latex (25% Styrene/75% Butadiene)/Natural Rubber Latex Blend:

Web:	1 mil Mylar®
Coatweight; dry mils	0.75
180° Peel Adhesion, lb./in, 30' dwell (1)	
60 Parts SureTac 1525 (dry/dry)	0.5
90 Parts SureTac 1525 (dry/dry)	0.7
120 Parts SureTac 1525 (dry/dry)	0.9
Loop Tack, lb./in ² (2)	
60 Parts SureTac 1525 (dry/dry)	0.4
90 Parts SureTac 1525 (dry/dry)	0.6
120 Parts SureTac 1525 (dry/dry)	1.5
Shear; ½" x ½" x 500 gms; hours (3)	
60 Parts SureTac 1525 (dry/dry)	4.1
90 Parts SureTac 1525 (dry/dry)	2.5
120 Parts SureTac 1525 (dry/dry)	0.5

Samples were prepared by transfer coating and drying 2½' @ 100°C

- (1) PSTC-1 modified
- (2) TLMI Loop Tack, 1 in² contact area, 12 ipm separation
- (3) PSTC-7

September 07

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