SAITACK® 970

True Water-Based Adhesive: VOCs: 0 g/L per EPA Method 24

Description

High Solids Acrylic Emulsion

Suggested Uses

- Formulating base ideally suited for vinyl flooring adhesives, pressure sensitive label adhesives as well as packaging adhesives

Characteristics

- Superior balance of tack and shear properties
- Exceptional water and plasticizer migration resistance.
- Self-Crosslinking

Typical Physical Properties

Property	Value
Percent Solids	69 to 71
Polymer Type	Acrylic
Brookfield Viscosity @ 25°C LVT #62 @ 60 rpm (cps.)	< 1,000
pH	5.0 to 6.0
Tg (°C)	-44
Density (lbs./gallon @ 25ºC)	8.5
Dispersion Type	Anionic
Appearance (wet)	MilkyWhite
Film Appearance(dry)	Clear
Odor	Slight Acrylic

Typical Performance Properties

Property	Value
Peel Adhesion 180° (stainless steel / 1 mil. PET, 1 mil. Dry, 20 min. dwell)	600 (g/25mm) 1.3 (lb./in.)
Static Shear (1'x1'x1kg @ 25°C)	> 1,400 (min)
Loop Tack	20 (oz.) 1.3 (lb.)
Water Resistance	Good
FDA Status	Title 21 CFR 175.105

5618Clyde Rhyne Drive
Sanford, NC 27330
Phone: 800-874-5878
Fax: 919-777-6695
stipolymer.com

© STI Polymer
REV11 December 14, 2023

SAITACK® 970

Description

STI Polymer is the partner of choice for custom formulations and manufacturing of adhesives, paints and coatings. STI Polymer has built a reputation of proven performance, from providing manufacturers of paints and adhesives with the basic functional components of their formulations to producing private labeling of high-quality products for leading global corporations. STI's robust technical foundation and agility to meet the emerging needs, combinedwith an emphasis on long-term partnerships, drives its customer' successes.

General Properties

Recommended Storage:
Protect from freezing. Recommended storage temperature is 60°F to 80°F (15°C to 25°C). Keep in tightly covered container.

Shelf Life:
Six months from date of manufacture.

Packaging:
One-way drums and totes or bulk shipments available.

DOT Label Required:
This product is not classified as a hazardous product under this regulation. It does not contain any hazardous components at levels which have implications for labeling under these regulations.

Clean-up:
Soapy water (wet), Solvent (dry)

Material Safety Data Sheet:
Consult all information contained in the Safety Data sheet for this product.

Because we cannot anticipate nor control the many different conditions under which this information and our products may be used, we do not guarantee the applicability or the accuracy of this information or the suitability of our products in any given situation. Users of our product should make their own tests to determine the suitability of each such product for their particular purposes. The products discussed are sold without warranty, either express or implied, and the buyer assumes all responsibility for loss or damage arising from the handling or use of our products, whether done in accordance with directions or not. Also, statements concerning the possible use of our products are not intended as recommendations to use our products in the infringement of any patent.

5618Clyde Rhyne Drive
Sanford, NC 27330
Phone: 800-874-5878
Fax: 919-777-6695
stipolymer.com

© STI Polymer
REV 11 December 14, 2023