SHANGHAI VANA BIOTECH CO., LTD.



http://www.wanabio.com

Add:2-C03 Room,2 Build, No. 1588 of Huhang Road, Shanghai City, China.

SILIT-PR-3917G

TECHNICAL DATA SHEET

Introduction

SILIT-PR-3917Gis a thermally reactive polyurethane that can be used in combination with fluorine free or fluorocarbon waterproofing agents to increase the frictional resistance between fiber molecules and significantly improve the waterproof, oil resistant, and wash resistant properties of the fabric. It can also be used for coating colorants, strengthening the cross-linking between adhesives and fabrics, and improving wet friction fastness..

Properties

Appearence Light yellow to white emulsion

➤ pH value 5~7

Ionicity
Non ionic

Solubility: can dissolve in water in any proportion

Characteristics

- Crosslinking waterproof agents with fabrics to improve washing resistance;
- Improve the wet friction fastness of pigment printing;
- There is no adverse effect on the texture, color light, and color fastness of the fabric.

Applications

- 1. Mixed with fluorinated or fluorine-free waterproofing agents, used for various textile waterproofing and oil resistant finishing to improve washing resistance.
- 2. Used in pigment printing ink to improve wet friction fastness.
- Use in combination with functional additives such as microcapsules to improve washing resistance.

Usage

■ Bathing with waterproof agents:

Waterproof agent X g/L

10%~30% of the dosage of bridging agent **SILIT-PR-3917G**waterproof agent Dipping and rolling working fluid— Drying (110 $^{\circ}$ C) \rightarrow Setting (cotton: 160 $^{\circ}$ C)X 50 s; Polyester/cotton: 170~180 $^{\circ}$ C x 50 s).

■ Used in color paste for pigment printing:

Coating X%
Adhesive 15~20%
Bridging agent SILIT-PR-3917G 0.5~2%



SHANGHAI VANA BIOTECH CO., LTD.

http://www.wanabio.com

Add:2-C03Room,2 Build, No. 1588 of Huhang Road, Shanghai City, China.

Add thickener and stir at high speed to make color paste, print \rightarrow dry \rightarrow set (cotton: 160 °C x 50 s; polyester/cotton: 170-180 °C x 50 s).

Note

The specific amount of waterproofing agent should be adjusted according to the fabric variety and processing technology.

Package

SILIT-PR-3917Gis available in 120kg plastic drums.

Storage and shelf-life

This product is a thermally reactive resin, and should be stored away from direct sunlight and away from the heating element. Store in a cool and ventilated warehouse (5~35) with a storage period of one year. After opening the lid, it should be used up as soon as possible. Past this date, **SHANGHAIVANABIOTECH** no longer guarantees that the product meets the sales specifications.