



StarPel™ 366-01

Highly concentrated silicone water repellent

Product Description

StarPel™ 366-01 is a durable silicone water repellent having a high silicone oil content. It provides durable water repellency to all fibers and blends. This durability is maintained throughout multiple washings and dry cleanings.

StarPel™ 366-01, which is compatible with most bath additives, affords a soft, silky hand. No adverse effect has been noted on shade or dyestuff fastness. The product also provides improved tear strength, sewability and crease resistance.

Special Properties

- Durable
- No shade or dyestuff fastness problems
- Improves the strength, sewability and crease resistance

Typical Physical Properties

Appearance emulsion
 Color..... white
 Ionicity..... nonionic
 pH (100%) 3.5–4.5
 % Active Solids 25.75–26.75
 Density..... 8.1–8.5 lbs/gal

** These items are provided as general information only. They are approximate values and are not considered part of the product specifications.*

Application

For optimum results, StarPel™ 366-01 should be cured with STARTEX™ CATALYST 605 at a ratio of three parts silicone emulsion to two parts catalyst. StarPel™ 366-01 is also recommended for use as a softener. It may be used alone or in conjunction with other softeners such as PERMAFIN 20 or STARLUBE™ 243 depending on the final properties desired. A level of 1–2% StarPel™ 366-01 is very effective with no catalyst being required for StarPel™ 366-01. In this case, no special catalyst for curing the silicone would be required. Normal pad/dry/cure techniques would suffice.

StarPel™ 366-01 may be used effectively on polyester/cotton rainwear to obtain durable results—with exceptional economy—using the following formula:

StarTex™ RESIN G-90W 3%
 StarPel™ 366-01 3%
 StarTex™ CATALYST 605 2%
 StarTex™ CATALYST CT 0.5%

Storage

StarPel™ 366-01 should be stored in closed containers and protected from freezing.

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