



Sarex Chemicals

(A Divn. Of Saraf Chemicals Pvt. Ltd.)

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PRODUCT LITERATURE

FLAMGUARD-DPS

Product Information

Flamguard-DPS is durable flame retardant finishing chemical for 100% polyester and polyester rich blend. Flamguard-DPS is halogen free. Fabric finished with Flamguard-DPS shows minimum effect on shade and posses good fastness to home laundering and dry cleaning. Flamguard-DPS does not have any effect on the drape of the treated fabric. Flamguard-DPS has low volatility and does not lead to fogging. Flamguard-DPS is suitable for protective work wear, furnishing fabrics, curtains and automotive textiles made from 100% polyester and polyester rich blend. It is applicable by padding and by spray method. They can be applied on polyester and polypropylene nonwoven fabrics also.

Key Features & Benefits

Key Features -----	Benefits -----
Durable	Durable to home laundering and dry cleaning
Feel	Handle of fabric not impaired

General Characteristics

Physical appearance	: Clear to translucent viscous liquid
Ionic nature	: Nonionic
pH of 1% solution	: 3 +/-1
Miscibility	: Miscible with water
Compatibility	: Compatible with cationic, anionic and nonionic products
Stability	: Stable to dilute acids and dilute alkalies

Application

Before finishing with Flamguard-DPS, ensure that residues from earlier treatment such as lubricants, surfactants, softeners, dyeing chemicals etc. are thoroughly removed by efficient washing otherwise these could interfere with performance of Flamguard-DPS

Flamguard-DPS	: 60-160 g/l
Sarawet NF	: 1-2 g/l (optional)
Pick-up	: 40-70%



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Drying : 120-130 deg.C
Thermofix : 190-210 deg.C, 30-60 sec

- Ensure that the padding temperature does not exceed 30 deg.C
- The add-on with Flamguard-DPS should be 14-15%

Flamguard-DPS can pass following tests.

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1. BS-3119 (1959) & BS-3120 Vertical flame test for flame proof materials
 2. BS-5867 & DOC FF 3/71

Precautions

Storage : Store in cool, ventilated shed away from heat and direct sunlight.Storage temperature should not exceed 35 deg C.Close lids firmly to avoid contact with air and moisture.

Shelf Life : 9 months from the date of manufacturing, if stored under controlled conditions.

[The above information is given in good faith and is without warranty]
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