



Sarex Chemicals

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

501 Waterford, C Wing, C.D.Barfiwala Marg(Juhu Lane), Andheri(W),Mumbai 400 058. INDIA

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PRODUCT LITERATURE

FLAMGUARD-CAB

Product Information

Flamguard-CAB is a durable flame retardant for 100% polyester, applicable by back coating application. It is suitable for automotive textiles, upholstery fabrics and technical textiles made from 100% polyester and polyester rich blend. Flamguard-CAB is halogen and formaldehyde free. Fabric finished with Flamguard-CAB imparts high flame retardancy and water resistance. Flamguard-CAB has no objectionable odour or fumes and does not lead to fogging. It imparts a durable, non-hygroscopic, non-corrosive, non-plasticizing & thermally stable flame retardant properties to the treated substrate. Finish is stable to the outdoor exposure i.e. UV radiation, heat & humid aging.

Key Features & Benefits

Key Features

Durable

Benefits

Durable to home laundering

General Characteristics

Physical appearance : White Paste
Ionic nature : Anionic
pH of 1% solution : 8 +/- 1
Miscibility : Miscible with water
Compatibility : Compatible with anionic and nonionic products
Stability : Stable to dilute acids and dilute alkalies

Application

1. Coating Application :
one or two sided coating application using a floating or fixed knife, a kiss or transfer roll or other suitable coating equipment can be used to apply on fabrics. By coating: add 50-70 g/sq.mt of Flamguard-CAB, dry at 150°C for 10 mins. Dry add on of minimum 15-20% is required to pass this will depend on the test method also.
2. Printing Application :
In cases where a continuous film, which is obtained by coating, is objectionable, the flame retardant can be applied by printing to form a discontinuous film. It can also be incorporated into print pastes, which will be applied to non-flammable substrates.



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3. Foam Application :

It is foam able using conventional, foaming equipment & small amount of foaming agent.

Flamguard-CAB can pass following Tests:

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- i) FMVSS302
 - ii) NFPA-701
 - iii) BS-5852
 - iv) BS-5867
 - v) ASTM-D6413

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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