



# Sarex Chemicals

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

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## PRODUCT LITERATURE

### FLAMGUARD-BC

#### Product Information

Flamguard-BC is a durable Halogen and formaldehyde free flame retardant finishing chemical for polyester fabrics. It is suitable for application by back coating method for upholstery fabrics, automotive textiles and technical textiles. It has high flame resistance. It imparts durable, non-hygroscopic, non-corrosive, non-plasticizing and thermostable FR finish. The finish is stable to UV radiation, heat as well as humid conditions.

#### Key Features & Benefits

Key Features

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Non-hazardous

Eco friendly

Benefits

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Non-corrosive and no objectional odour or fumes in plant

Halogen and formaldehyde free

#### General Characteristics

Physical appearance : Milky White to Off White pourable paste.

Ionic nature : Weakly 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

By coating

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Coat add-on 60-70g / sq mt = about 3.8-5.3 g/(17.5 to 20 cm)

Dry at 150 deg.C for 10 min.

Note:

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Percent add-on should be proper as insufficient add-on of Flamguard-BC may lead to failure or reduced durability while excessive add-on of flame retardant can lead to harsh feel.

It can be incorporated into print paste.



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It can be applied by foam finishing.

Flamguard-BC can pass following tests

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- i) FMVSS302
  - ii) NFPA-701
  - iii) BS-5852

#### 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 : 8 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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