

RAINOFF[®] SBF CONC

CLASSIFICATION

A halogen-free, solvent-borne, fluorochemical-based water/oil repellent

DESCRIPTION

RAINOFF[®] SBF CONC is a highly effective halogen-free fluoropolymer for textile, paper, plastic and other applications where a solvent-borne water/oil repellent is desired.

PROPERTIES

Appearance	Light yellow translucent liquid, petroleum odor
Density	6.84 lbs./gal.
Specific Gravity	0.82
% Activity	15.0%
% VOC's	85%
Solvent	Kerosene

APPLICATIONS

Prepare the appropriate solution for the desired application with solvents from the attached list.

TEXTILES

COTTON	20-40%
POLYESTER	20-40%
ACRYLIC	20-50%
NYLON	20-50%
POLYOLEFINS	30-60%

Apply solution by pad, spray, dip or washer. Air-dry for 1-3 hours or force dry in appropriate equipment.

SOLUBILITIES

Dilution condition: 2.5 g/L @ 23°F (-5°C)

CLASSIFICATIONS

Hydro Carbon
Conventional type

Mineral Spirits/reagent
Naptha No.5

Low-odor type

Brightsol/SHELL
exxol D-40/EXXON

Non-odor type

Isopar G/EXXON

(Iso-paraffin)
Non-odor type
(paraffin)

Isopar H/EXXON
N-hexane

Ester
Ketone
alcohol

N-heptane
N-decane
Ethyl acetate
Acetone
Ethanol
Benzyl

SOLUBILITY **1 day 1 week**

soluble	soluble
soluble	soluble
soluble	soluble
soluble	soluble
soluble	soluble
soluble	soluble
soluble	soluble
disperse	sediment
disperse	sediment
soluble	sediment
soluble	soluble
sediment	sediment
sediment	sediment
sediment	sediment
soluble	soluble

SAMPLE APPLICATIONS

Water Repellent (DuPont test)

Pet	10<
Ny	9
PP	9
Ac	9
PET/C	10<

Oil Repellent

Pet	5
Ny	4
PP	3
Ac	4
PET/C	4
C	3

Hot Water Repellent

Pet	10
Ny	8
PP	10
Ac	9
PET/C	10



Water Repellent Spray test	Pet	100
	Ny	100
	PP	100
	Ac	100
	PET/C	90
	C	90

Fabric Information

<u>Informal Name</u>	<u>Formal Name</u>	<u>Fabric Density (g/m2)</u>
Pet	Polyester Tropical	140
Ny	Nylon Taffeta	70
PP	Polypropylene	130
Ac	Acryl Muslin	110
PET/C	Polyester/Cotton (65/35) Broad	110
C	Cotton Broad Cloth	120

CAUTIONS

- **DO NOT USE FOR FABRIC PROTECT SPRAY**
- **DO NOT KEEP OVER 104°F (40°C)**
- **PLEASE READ MATERIAL SAFETY DATA SHEET BEFORE USING THIS PRODUCT.**