

ECCOSHIELD® N-100

CLASSIFICATION

A flame retardant for nylon fabric

PROPERTIES

Appearance	A water white liquid
Solubility	Clearly soluble in water
Density	10.26 lbs/gal
pH	7.5 ± 1.0
% Solids	48% min
Shelf Life	Performance NOT guaranteed after 30 days

GENERAL COMMENTS

ECCOSHIELD® N-100 is durable flame retardant for application to nylon fabrics and. When applied from an aqueous system, properly dried, ECCOSHIELD® N-100 will supply a most acceptable fabric from the standpoint of hand and durable flame retardancy.

The application of ECCOSHIELD® N-100 will cause little to no effect on a dyed shade or pigment printed material. The application of this product followed by subsequent curing, will produce a desirable feel to the fabric.

Recommended applications will provide flame retardancy which, will give satisfactory results to NFPA 701, Automotive #302 Flame Testing and CPAI 84. Very effective with water repellents where flame retardancy and water repellency are both required.

APPLICATIONS

In the preparation of an application bath, it is simply prepared by adding ECCOSHIELD® N-100 to warmed water (60°F) followed by application by padding.

We suggest the preparation of 20-40% solution, followed by padding, which will provide a wet pick-up of 80-90%. The exact amount will depend upon fabric type and construction.

Follow padding by adequate drying and curing at a temperature of 300°F.

For a water repellent/flame retardant finish we suggest the following:

ECCOSHIELD® N-100 20-40%

RAINOFF® FC-6 1-2%

Pad apply, dry and cure.