

ECCO™ REZ FRU-01

CLASSIFICATION

A hard waterborne flame retardant polyurethane dispersion having excellent UV and abrasion resistance.

PROPERTIES

Appearance	Off-white to translucent dispersion
% Solids	35 ± 1.0
lbs/gallon	8.9
pH	7.5 - 10
Viscosity (cps @25°C)	<1000 cps

GENERAL COMMENTS

ECCO™ REZ FRU-01 is a uniquely compounded non flammable aliphatic urethane aqueous dispersion. This product produces excellent adhesion, a high degree of flexibility, abrasion resistance, and chemical and water resistance for textiles, rubbers, plastics and metal surfaces.

ECCO™ REZ FRU-01 is excellent as a clear coat for fabrics, rubbers, plastics and metals.

ECCO™ REZ FRU-01 can be compounded with pigments to provide a non-combustible coating to nylon, polyester and blended fabrics that meet requirements of NFPA-701, MVSS#302, California Title 19 and CPAI84 and other FR specifications.

APPLICATION

Reduce with water to desired solids. Apply by spray, dip, flow-coater, brush or knife over roller. Apply 5 to 30% by weight of **FRU-01**.

Application levels above 30% should be supplemented with the addition of 10% **Ecco Shield® N-100** for nylon.

Dry and cure for 1-5 minutes @ 200-300°F.

ECCO™ REZ FRU-01 may be crosslinked with **ECCO™ CROSSLINKER AP-900** to increase film properties.

Apply 10-15 mils wet (3½ to 5½ mils dry). Allow to air-dry for 8-12 hours. Final cure requires 3-7 days depending upon humidity and temperature.