

## ECCO™ REZ FRU-55

### CLASSIFICATION

Soft, Waterborne flame retardant polyurethane dispersion. FRU-55 has excellent UV resistance and low temperature flex crack resistance.

### PROPERTIES

Appearance	Medium viscosity, off white to translucent dispersion
% Solids	35 ± 1.0
lbs/gallon	8.8
pH	6.5 - 9.5
Viscosity cps @25°C	50 – 500
Elongation	610%
Tensile Strength	3600 psi
100% modulas	550 psi
200% modulas	680 psi.
300% modulas	890 psi.

### GENERAL COMMENTS

ECCO™ REZ FRU-55 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-55 is excellent as a clear coat for fabrics, rubbers, plastics and metals.

ECCO™ REZ FRU-55 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 FRU55.

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

ECCO™ REZ FRU-55 may be crosslinked with **Alto Conc 290E**, to increase film properties.

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

Information contained in this technical data sheet is up-to-date and correct to the best of our knowledge at the date of issue and are subject to change. As Organic Dyes and Pigments LLC cannot control or anticipate the conditions under which this product may be used, each user should review the information in specific context of the planned use. Organic Dyes and Pigments LLC will not be responsible for damages of any nature resulting from the use or reliance upon the information contained in this data sheet. No express or implied warranties are given. Released: 12/25 RY

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