

Eco SOLURYL 824

Glycol ether free Grinding Vehicle & Polymer surfactant for Water-based Products

Features

- Glycol ether free
- Good pigment dispersion
- Excellent ink transfer and printability

Typical Properties

Appearance	Clear pellet
Molecular Weight	8,000
Non Volatiles, wt%	>99
Acid Number, mgKOH/g	207
Tg, °C	105
Density, g/ml	1.130
Softening Point, °C	140

Compatibility of Eco Soluryl 824

Eco Soluryl 824 is compatible with most common emulsions. Dilution with glycols, glycol ethers and alcohols is excellent.

Application

Pigment grinding vehicle for Glycol ether free ink
 Polymer surfactant for Glycol ether free emulsion
 Coating materials for Glycol ether free water base OPV

Solution Preparation and Properties

The following formulations are offered as starting points of making resin solutions. The resin should be cut under agitation by high-speed mixers. Although Eco Soluryl 824 will dissolve at room temperature, the solution process can be greatly accelerated by use of warm water up to 70°C.

Eco Soluryl 824	30.0	30.0
D. Water	63.2	63.2
Ammonia Water (28%)	6.8	–
Monoethanol amine	–	6.8
pH	8.5	8.8
Viscosity, cps (25 °C, Brookfield)	1,500	2,300

Safety Information

Eco Soluryl 824 is not formulated to contain any hazardous or regulated materials such as lead, cadmium, mercury and chromium compounds. And raw materials for Eco Soluryl 184 and our manufacturing process do not include any hazardous or regulated materials. In addition, Eco soluryl 824 is being prepared for FDA regulation 21CFR 175.105, 21CFR 175.210, CFR 175.300, 21CFR 175.320, 21CFR 176.170, 21CFR 176.180.