

## FluorAcryl 1939: Additive for UV curable E2C coatings

### Description:

FluorAcryl 1939 is a bifunctional perfluoropolyether (PFPE) urethane acrylate. FluorAcryl is a surface modifier that improves gloss. It is compatible and miscible with low molecular weight reactive UV-curable diluents and acrylic monomers. Some of the properties of FluorAcryl 1939 include good release agent, good water and oil repellency and good chemical resistance. As a surface modifier this also offers good hardness, substrate-wetting and flow-properties. Recommended dosage is between 0.5–5% w/w. During application and UV light curing, FluorAcryl blooms quickly and effectively on the surface of the coating, imparting low surface energy and non-stick E2C properties. FluorAcryl is made for UV curable coatings use.

### Suggested Applications:

- Glass Coatings
- Plastic Coatings
- Electronics Coatings
- inkjet Inks
- Metal Coatings
- Wood Coatings
- Screen coatings Inks
- Litho Inks

### Typical Physical and Chemical Properties:

<b>Appearance:</b>	Clear liquid
<b>Solids:</b>	100%
<b>Specific gravity @ 25°C:</b>	1.08
<b>Viscosity, cps @ 25°C:</b>	~15000
<b>Solubility:</b>	
- Isopropyl alcohol	Yes
- Acetone	Yes
- Ethyl-Acetate	Yes
- Butyl-Acetate	Yes
<b>Water contact angle:</b>	>100°
<b>Hexadecane contact angle:</b>	>65°
<b>Mineral oil contact angle:</b>	>65°
<b>Mineral oil roll-off angle:</b>	<5°

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