



# LUMIFLON LF9716, LF9721

## FEVE Resin Polyols

### PRODUCT DESCRIPTION

LUMIFLON® LF9716 and LF9721 are fluoroethylene vinyl ether polyols containing high amounts of hydroxyl functionality. They are used in applications requiring outstanding exterior durability, excellent chemical resistance, and any application where high crosslink density is important. They are primarily used in 2K crosslinkable coating formulations. Markets include aerospace, tank linings, water tanks, and military coatings.

### CHARACTERISTICS

- Outstanding weathering and chemical resistance
- Cures under ambient conditions for field applications
- High solids
- Applications include aerospace, tank linings, water tanks, and military coatings

### TYPICAL PROPERTIES

Property	LUMIFLON LF9716	LUMIFLON LF9721
Weight Solids, %	70	70
Viscosity, cP at 25°C	4400	3800
Hydroxyl Value, mgKOH/g polymer	170	160
Hydroxyl Equivalent Weight, on solids/as supplied	330/471	351/500
Specific Gravity, 25°C	1.25	1.26

### STARTING POINT FORMULATIONS

#### 2K Clear Topcoat with LUMIFLON LF9721

##### PART A

Trade Name	Type	Parts by Weight
LUMIFLON LF9721	Resin	51.87
n-Butyl Acetate	Solvent	15.42
0.1% Dibutyltin Dilaurate, DBTDL (in Xylene)	Catalyst	0.88
<b>Total</b>		<b>68.17</b>

##### 2K PAINT FORMULATION

Above Formulation	Part A	68.17
Desmodur® N3300A (Covestro)	Poly-isocyanate	31.83
<b>Total</b>		<b>100.0</b>

Property	Result
Solids Content, wt%	68.1
Volume Solids, %	59.9
Weight/Gallon, lb/gal	9.58
NCO/OH Index	1.05
VOC, g/L	366

### STORAGE AND HANDLING

Keep away from sunlight and rain. Store in a cool, dry, well-ventilated location. Wear appropriate safety glasses and gloves to avoid contact with eyes and skins. Hands should be washed thoroughly after handling. Suitable ventilation should be used during application.

### PACKAGING

18kg Pail

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The data given in this product bulletin is for information purposes only. It is given in good faith and based on the best knowledge and experience of the company. This product should be used only in applications for which it was intended. This product is not designed for special applications such as pharmaceutical or other medical use. The company makes no warranties and undertakes no responsibilities regarding this product except as stated in contract documents for its supply.

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