



Fluorolast Solvent-Borne [SB] Product Information

Description

Fluorolast SB is a line of solvent-borne, high performance, pure fluoroelastomer coatings that are engineered specifically for use in harsh environments. They will adhere to almost any kind of substrate and provide exceptional flexibility and strength under potentially corrosive conditions.

Fluorolast SB is suitable for applications involving substrates exposed to concentrated acids or other harsh chemicals, heat, weather, and sunlight. Fluorolast SB can also serve as an effective vapor and gas barrier. Fluorolast SB offers:

- Superior thin film protection
- Impressive physical properties
- Tenacious adhesion
- Excellent intercoat bonding even after extended service or time lapse
- Outstanding di-electric properties
- Good abrasion resistance
- Choice of high or low solids content
- Ambient or force-curable

Recommended Uses

For use over prepared metal, concrete, rubber or other substrates exposed to harsh industrial conditions:

Chemically-exposed manufacturing facilities
 Secondary containment areas
 Storage tanks interior/exterior
 Moisture and Vapor barrier
 Manufactured products protection
 Rubber products enhancement

For additional information about the unique characteristics of all Fluorolast SB coatings, please refer to the separate Physical Properties sheet and Chemical Resistance Chart. Before using this product, read the MSDS.

The Fluorolast web site is available at
www.fluorolast.com.

LC-8140

Product Characteristics

This is a thick film; high build fluoroelastomer coating that will dry to a 5-mil thickness after each application. It can be applied with the use of a roller, brush, squeegee, or by dipping. Cannot be sprayed.

Components:	Two
Finish:	Gloss
Color:	Black
Volume Solids:	20%
Weight Solids:	40%
Viscosity, CPS	14000 - 18000
DFT per Coat, Mils	5
Coverage/S.F./Mil/Gallon	360
Mix Ratio:	Catalyst = 7% by Wt.
Drying Time: @ 70°F, 50% RH:	
To touch:	5 20 minutes
To re-coat:	20 40 minutes
(No maximum re-coat time limit; see application instructions for details)	
Cure to service:	2 4 days
Shelf Life:	Indefinite
Pot Life:	2 3 hours
Solvent Ingredients:	MEK, MIBK
VOC (incl. catalyst):	5.22 lb./gal.

Application Conditions: Temperature

Air & Surface: 50°F minimum, 110°F maximum
 and at least 5°F above dew point.

Ordering and Packaging Information

Gallons = 13 lbs. Shipping Wt.
 Quarts Wt. = 3 lbs.
 Part B Catalyst = (7% by Wt. of above).

Safety Precautions

Refer to MSDS sheet before use.

Other beneficial qualities of Fluoroelastomers:

Common Name:	Fluorinated Hydrocarbon
Creep Characteristics:	Good Excellent
Heat Aging:	Outstanding
Aging in Ozone & Weather:	Very good Excellent
Flame Resistance:	Very good Excellent
Thermal Conductivity:	0.06 0.13
Weather Resistance:	Excellent
Sunlight Resistance:	Excellent
Ozone Resistance:	Excellent
Oxidation Resistance:	Excellent
Gas Permeability Rating:	Good Excellent