

## 1 : 1 LOW PRESSURE TRUCK BED LINER SYSTEM

### ■ Description

VFI-549 is 100% solids, two component, fluid applied, polyurea hybrid coating.

### ■ Usage

VFI-549 is primarily used for lining the interior of truck beds in order to provide corrosion protection, resistance to abrasion, skid resistance and to improve appearance. Other uses include lining of

materials handling equipment, coating of urethane or expanded polystyrene foam insulation, waterproofing of structures, protection of concrete from acids and alkaline materials and use as an environmental containment barrier with or without geotextiles.

### ■ Color

Clear. Contact your V. F. I. Representative for other colors.

## Physical Properties

### ■ Chemical Resistance

Good resistance to inorganic bases, acids and hydrocarbon solvents. Fair resistance to oxygenated and chlorinated solvents. Good resistance to hot water up to 180° F.

### ■ Tensile

ASTM D-412  
Strength: 2200 psi  
Elongation: 325%  
Permanent Set: 10% max.

### ■ Hardness

ASTM D-2240  
Shore A 83

### ■ Tear Resistance

ASTM D-624  
Die C 250 pli

### ■ Abrasion Resistance

Excellent.

## Liquid Component Properties

### ■ Solids

Weight: 100%  
Volume: 100%

### ■ Viscosity

Poly Component:  
700-900 cps @ 77°F.  
Iso Component:  
1400-1600 cps @ 77°F.

### ■ Density

Poly Component: 1.04  
Iso Component: 1.10

### ■ V. O. C.

Conforms to all Air Pollution regulations. Contains no Volatile Organic Compounds.

### ■ Flash Point

ASTM D-56 (TCC)  
Greater than 200°F

### ■ Toxicity

Iso component contains polymeric isocyanate requiring fresh air supply respirator, gloves, and protective clothing during application.

### ■ Storage Stability

12 months in unopened containers @ 50° - 90°F.

### ■ Mix Ratio

1 to 1 by volume.

## Application

VFI-549 must be applied using low-pressure static mix air assisted spray equipment. VFI - 549 gels in 15-20 seconds and cures to handle in 4-6 minutes. Allow 12

hours after application, before placing coated items in service.

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