

2 : 1 LOW PRESSURE TRUCK BED LINER SYSTEM

■ Description

VFI-530 is 100% solids, two component, fluid applied, polyurea hybrid coating.

■ Usage

VFI-530 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

material 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 Volatile Free, Inc. 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:
500-700 cps @ 77°F.

■ Density

Poly Component: 1.03
Iso Component: 1.14

■ 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

2 parts Poly to 1 part Iso by volume

Application

VFI-530 must be applied using low-pressure static mix air assisted spray equipment. VFI – 530 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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