

# BURCO® PEL-5556

Water And Oil Repellent

Non-Red Label Fluoropolymer Emulsion (Nonionic)

## BENEFITS AND FEATURES

- Provides superior water and oil repellency to porous surfaces
- Maintains a soft hand
- Has excellent durability to dry cleaning and home laundering
- Can be cured at low temperatures (<120°C, 248°F)
- Water based

## TYPICAL APPLICATIONS

- Upholstery (including outdoor patio furniture)
- Carpets
- Boat covers
- Outer garments
- Shoes (NuBuck)
- Tents/awnings
- Sportswear and golf bags
- Tarps
- Leather furniture

## TYPICAL PROPERTIES

Appearance at 25°C	Off-white translucent liquid
pH (1% aqueous)	5.5
Specific Gravity	1.04
*Activity, %	18
Flash Point, °F (TCC)	>200
Viscosity, cP at 25°C	10
Density, lbs/gallon	8.66

\*The activity of Burco PEL-5556 is measured as % solids by microwave. If % solids are run in a convection oven, the typical value is 14%.

## FORMULATION GUIDELINES

- Burco PEL-5556 is applied by spray coating.
- The product can be allowed to cure by air drying. However, accelerated drying (with a hair dryer or other dry air source) will result in increased oil repellency.
- Burco PEL-5556 may be diluted with up to 15 parts water. Additional solvent is required at higher dilution levels to extend the shelf life of the finished product (see below). Do NOT mix Burco PEL-5556 directly with the solvent. Either the solvent or the Burco PEL-5556 should be diluted in water first, then the other component should be added.

Dilution Level:	1:5	1:10	1:15
Solvent (a), %	3.0	5.0	6.0

(a) Dipropylene glycol methyl ether (Glycol ether DPM)

- If desired, dilutions of Burco PEL-5556 may be thickened to increase the residence time on vertical surfaces or surfaces that are difficult to wet. The thickened dilution will take longer to dry and will dry to an opaque film rather than a clear film. Repellent properties will not be affected.

## Thickened Burco PEL-5556 Dilution

<b>Component</b>	<b>Weight, %</b>
Water	to 100%
Jaguar 8000(a)	0.25-0.50
Solvent(b)	6.00
Burco PEL-5556	6.00

(a) supplied by Rhodia

(b) dipropylene glycol methyl ether

### **AVAILABILITY**

Burco PEL-5556 is available in 53-gallon, open-head, poly drums (450 lbs), in totes, and in bulk.

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