DuPont™ Capstone® LPA

LEATHER PROTECTOR

TECHNICAL INFORMATION

Product Description

DuPont™ Capstone® LPA is a solvent-based, partially fluorinated polymer used for the protection of leathers and textiles. Capstone® LPA is typically used for spray finishing of leathers and for formulating aerosols. It is based on six fluorinated carbon molecules that cannot break down to PFOA in the environment.

Features

Capstone® LPA provides the following benefits:

- Excellent water repellency
- Excellent oil repellency
- Excellent resistance to oil- and water-based stains
- Manufactured using DuPont patented LX technology which minimizes residual raw materials and impurities
- Targeted below LOD* for PFOA
- Meets the U.S. EPA 2010/2015 PFOA Stewardship Program targets for PFOA and precursors
- Capstone® LPA has been extensively tested by DuPont to ensure it is safe for its intended use

Product Selection

If you are currently buying Foraperle® 225 switch to Capstone® LPA.

Physical Properties

Appearance	Clear, slightly yellow liquid
Active Solids, %	35
Solvent, %	65
Density, g/mL	0.968
Flash point (closed cup) C* (F*)	28 (82)
Boiling Zpoint C* (F*)	~120(248)
Cold storage	product gels below 10C* (50F*). Products is freeze thaw stable

*Below level of detection (LOD) based on published analytical method found in The Journal of Chromatography A, 1110 (2006) 117-124.

This table gives typical properties (not specifications) based on historical production performance. DuPont does not make any express or implied warranty that this product will continue to have these typical properties. Please contact DuPont for product specifications.

Examples of Formulations

Spray Application for Finishing

Capstone® LPA is generally used in leather finishing formulations at a concentration of 3-6% of commercial product in a solvent (e.g. heptane/isopropyl alcohol 2/1).

The usual deposit is 0.5-2g of dry Capstone® LPA per square meter of leather. Dry at room temperature.

Examples of Formulas based on Capstone® LPA

Capstone™ LPA, wt%	3-6
Isopropyl alcohol, wt%	22
Heptane, wt%	43
+ Propellant, wt%	30

Handling and Storage (see Safety Data Sheet)

Capstone® LPA is soluble in hydrocarbons and in hydrocarbon/alcohol mixtures (e.g. heptane/isopropyl alcohol).

Capstone® LPA can also be diluted with ketones, esters, and chlorinated solvents. It must be stored in the original closed drums at temperatures below 40°C (104°F) and must be protected from open flames.

Minimum storage stability under normal conditions: 1 year.

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DuPont Chemicals & Fluoroproducts

Customer Service Center Americas
Barley Mill Plaza, Bldg. 23
Wilmington, DE 19898
866-828-7009

Customer Service Center Europe
1.Allée de Chantereine
F - 78711 MANTES-LA-VILLE
FRANCE
+33 (0) 1 30 92 82 24

www.capstone.dupont.com

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K-22094-1 (6/10) Printed in the U.S.A.