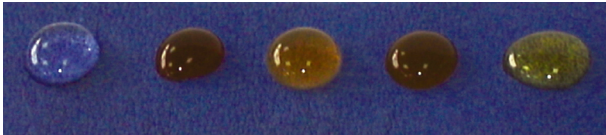


DuPont™ Capstone™ LPW

HIGH PERFORMANCE LEATHER PROTECTOR

LEATHER WILL LOOK NEWER LONGER WITH CAPSTONE™ LPW.



Treated Leather



Untreated Leather

Left to right: Water, red wine, soda, coffee, olive oil

Description

DuPont™ Capstone™ LPW is an exceptional product for the protection of leather and suede. It was developed using novel patented next generation technology that delivers superior performance and aesthetics while meeting your sustainability objectives.

This product can be applied either in a drum or as a spray finish to provide a durable and invisible barrier to water, oil, dirt and stains. The treated leather's aesthetic properties (color, hand, suppleness) are not affected by the application. Because Capstone™ LPW does not form a polymer film coating, leather remains breathable and luxurious.

Features

DuPont™ Capstone™ LPW is a versatile protection solution for a wide variety of leather types (e.g., full grain, nubuck, nappa, suede).

It provides the following benefits:

- Outstanding water- and oil-repellent properties
- Stain and dirt resistance
- Allows lower usage rates while meeting requirements for easy care and cleaning
- Has been tested extensively to ensure safety for its intended use
- Is based on short-chain molecules that cannot break down to PFOA in the environment
- Meets the goals of the voluntary U.S. EPA 2010/15 PFOA Stewardship Program
- Targeted below LOD[†] for PFOA

Applications

DuPont™ Capstone™ LPW is ideal for apparel, gloves, accessories, footwear and upholstery.



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[†] Below the limit of detection (LOD) based on the published analytical method found in *The Journal of Chromatography A*, 1110 (2006) 117–124.

Industrial Drum Application

To achieve optimum performance, DuPont™ Capstone™ LPW should be applied in the last stage of the wet process. A 4% Capstone™ LPW formulation is recommended to reach outstanding oil and water repellency results, determined according to AATCC118 and AATCC193 test methods. A final pH of 3–3.5 should be maintained at the end of the process.

Industrial Spray Finishing

DuPont™ Capstone™ LPW can also be applied as a coating additive in the finishing formulations. It can be introduced at 5%–10% in base coat formulations and/or in fixation. Apply a uniform wet coat to ensure an even distribution of chemical. Spray 1 or 2 crosses at a level of 25–50 g/ft² of the formulation containing Capstone™ LPW.

Capstone™ LPW can also be used in a spray after simple water dilution.

Use Capstone™ LPW only in well-ventilated areas with integrated exhaust ventilation system. When workers are facing concentrations above the exposure limit, they must use appropriate certified respirators. When spraying, a fresh air supply mask must be used if adequate ventilation cannot be arranged.

It is important to note that Capstone™ LPW must not be aerosolized or atomized for consumer pressurized spray can applications.

Dry and Cure Conditions

It is strongly recommended for Industrial Drum and Industrial Spray applications to heat the leather at an approximate temperature of 60°C for 4 hours in drum applications and 3 hours in spray applications. Then, allow the samples to return to room temperature before testing.

Typical Properties*

Appearance	Milky white aqueous dispersion
Solids, wt%	30
Ionic character	Anionic
pH	4<pH<6
Density at 20°C	1.03
Flash point closed cup	>90°C (nonflammable)
Water solubility	Dispersible
Freeze/thaw stability	No

* 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.

Personal Safety, First Aid, and Storage and Handling

See the MSDS for specific product information.

Storage stability under conditions listed below: 6 months.

DuPont™ Capstone™ LPW must be stored in original closed container at temperature between 5–40°C. Protect from freezing.

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