

DuPont™ Capstone™ P-623

OIL AND GREASE REPELLENT FOR
PAPER AND PAPERBOARD

TECHNICAL INFORMATION

Description

DuPont™ Capstone™ P-623 is an aqueous dispersion of a cationic fluorinated polymer based on short-chain molecules that cannot break down to PFOA in the environment. It confers excellent oil and grease repellency to paper and paperboard without changing the feel or appearance. Capstone™ P-623 can be applied internally at the wet end or on the surface of paper or board.

Features

- 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™ P-623 has been extensively tested by DuPont to ensure it is safe for its intended use

Applications

Surface application is preferred over internal addition since this offers wider versatility in equipment and higher efficiency. Surface applications are more easily controlled and are generally less costly. Capstone™ P-623 can be surface applied at the size press, coating station or calender stack.

Regulatory

- BfR Rec. XXXVI - Pending
- FDA 21 CFR 176.170 and 176.180 (All Foods; B-H) incl. microwave susceptor - Approved
- GB 9685 - Pending
- TSCA listed

Storage and Handling

See the Safety Data Sheet (SDS) for product specific information.

* Below the limit of detection for PFOA based on the published analytical method found in the Journal of Chromatography A, 1110 (2006) 117–124: LOD = 0.5 ppm; LOQ = 2 ppm.

Product Characteristics

Appearance	Amber yellow/tan liquid
Chemical structure	Fluorinated acrylic copolymer
Type	Cationic
Active matter, wt%	19.0–20.0
Solvent	Water Dispersion
pH of 1% solution	4–5
Stability	Perishable if stored at or below 0°C (32°F)

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