Aquacron® Stain-Resistant Clear Coat

Waterborne thermal-cured PU Stain-Resistant (SR) Clear coat

New AQUACRON® waterborne stain-resistant (SR) clear coat offers extremely low VOC content (<150g/L) while exceeding the properties of traditional solventborne systems.

PPG is at the forefront of compliance with environmental regulations and product innovation. This new waterborne stain-resistant clear coat complies with new environmental and volatile organic compound (VOC) standards in China (effective Dec 2020).

Aquacron SR clear coat is a thermal-cured PU clear coat that is applied on top of the base coat to provide excellent stain resistance and burnish resistance, while imparting a luxurious silky feel to laptops, keypads and ereaders.

Product Benefits

- Provide excellent consumer experience with premium finish
  - Stain resistance to most chemicals
  - Anti-finger print on dark colors
  - Durable burnish resistance
  - Luxurious silky smooth touch feel
- Offers more options for color designs and differentiation
- Low VOC content (<150g/L), compliant with Chinese GB National Standards
- Sustainable option that saves cost associated with reduced requirements for environmental controls

Segment

Consumer Electronics

Suggested End Uses

Laptops

eReaders

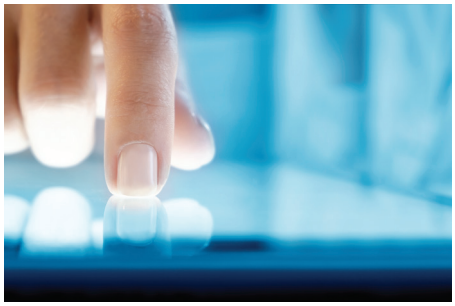
Aquacron® Stain-Resistant Clear Coat

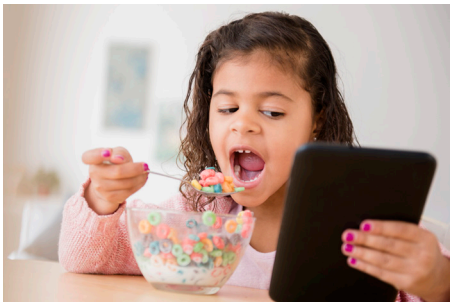
Product Features

- Excellent stain resistance against chemicals including mustard, sunscreen oil, ketchup, permanent marker pen, etc.
- Good anti-fingerprint performance on dark color applications
- High standard abrasion resistance
- Excellent silky smooth touch feel
- Extremely low VOC (<150g/L)

Product Specifications

Tests	Aquacron SR Clear Coat
Pencil hardness	H @765g load
RCA	250 cycles
Taber abrasion	CS-10, 300 cycles
Gloss retention (crocking abrasion)	dGloss <20% after 40,000 abrasion cycles
Chemical resistance (ambient)	No or slight color change
Chemical resistance (60C, 90%RH, 168hrs)	No or slight color change
Sharpie marker pen resistance	Can be wiped out by wet tissue
Denim resistance	No color transfer after 3000 cycles
Xenon	dE=0.1 after 300hrs
Heat soak	Pass 500hrs @ 60C/90%RH





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