



TECHNICAL DATA SHEET

SPC-1177

Low viscosity low gloss ultramatte UV overcoat for plastic and paper

Product Data/Application and Curing Instructions

Intended Uses: UV protective coating for plastic or paper (OPV)

Product Description:

A one component acrylate based ultramatte low gloss low viscosity coating cured using UVA light via a free-radical polymerization mechanism. No VOC.

Product Information:

Color:	Clear, matte
Volume Solids:	100%
Flash Point:	> 93°C/200°F
Dry Film Thickness per coat:	~ 2 mil
Mix Ratio:	One Pack, no mixing required; stir before application
Thinner:	Not Required
Curing Conditions:	UVA Light Irradiation
Cure Time:	Fusion UV H-Bulb, ~ 800 mJ/cm ² Fusion UV D-Bulb, ~ 800 mJ/cm ²
Recoat Time, if necessary:	Ready immediately
Use example:	To provide overprint varnish of low gloss without viscosity penalty using UV curable coating

Application Data:

Applied over:	Paper, plastic (for example corrplast, polycarbonate, etc.)
Method of Application:	Roll, spray
Surface and air temperature:	60-90°F

Spectra Group Limited, Inc.
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Coating Data:

Viscosity: 50 cps @ 22°C

Solvent resistance (MEK Double Rub): 200+

Gloss 60 degrees: 10

Abrasion resistance: Gloss 60 degrees after 10 double rubs with 0000 steel wool remains 10

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