

Environmental Inks and Coatings®

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Technical Data Sheet

DATE: 2-18-08

FORMULA # AND NAME: UV001950 (Enviro-Kote Gloss OPV)

SUBSTRATE: Various paper and treated film substrates

PURPOSE: UV001950 is a high performance UV curable varnish recommended for most label and folding carton applications. UV001950 exhibits outstanding gloss, flow, and leveling properties while providing excellent resistance to many solvents.

VISCOSITY: 400 - 600 cps 5/50 Brookfield pH: N/A

HEAT RESISTANCE: 450°F 232.2°C 1 SECONDS 40 PSI

REFRESH: N/A EXTENDER: N/A

STATIC COF: N/A KINETIC COF: N/A

GLOSS: 90 - 100

LOWER VISCOSITY WITH: N/A

ANILOX RECOMMENDATION: 200 (6.8 bcm) to 400 (4.7 bcm)

DEFOAMER RECOMMENDATION: UF170360 at 0.05 - 0.10%

CLEAN UP: denatured ethyl or isopropyl alcohol

LOW VOC CLEAN UP: Use WC005B2002, Arcar Ink Magik UV & H2O Ink Cleaner, followed by wipe down with plain water.

WATER RESISTANCE: Good GREASE RESISTANCE: Excellent

DETERGENT RESISTANCE: Good ALKALI RESISTANCE: Very Good

ALCOHOL RESISTANCE: IPA > 100 rubs BLOCK RESISTANCE: Very Good

TESTING PARAMETERS: Gloss (60 degree glossmeter, #4 Meyer rod, #9 Leneta card (dark area)

Alcohol Resistance (double rubs with saturated swab on Leneta as above)

Heat Resistance (300/4.8 Harper proofer on Tag stock)

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