Data sheet

UV8L0367

BASECOAT UV VAC.MET HR

1000 ml +
300 - 500 ml

15" - 16" ASTM 4
at 20 °C

Ø 1.1 - 1.3 mm
3.5 Atm
N° of coats 2

Flash Off:
3' - 4' at 50 °C

Always close
cans after use

NATURE AND PRODUCT FEATURES:

UV varnish based on acrylic oligomers intended for the cosmetic packaging industry.
Characterized by excellent adhesion on plastics, excellent spreading and fullness.
Also distinguished by its high curing speed and good elasticity.

FIELD OF APPLICATION:

Glossy UV varnish, suitable for both high vacuum metallization (with aluminum) and Sputtering - PVD with deposition of aluminum or other metals.
Not suitable for outdoor applications.

PREPARATION OF THE SUBSTRATE:

Plastic materials: Directly on ABS, SAN after degreasing and on PP after flaming and primer.

PREPARATION OF THE PRODUCT:

Comp. A	: **UV8L0367**	100 parts by weight

Product ready for use.

If needed:

Diluent	: **641 or 10002AE**	30 - 50 parts by weight

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PRODUCT SPECIFICATIONS:

TYPE OF PRODUCT	: Single-component.
APPEARANCE OF THE FILM	: Glossy
COLORS	: Clear
SPECIFIC WEIGHT	: 0,99 kg/lt (± 0,04)
SUPPLY VISCOSITY	: 20" (± 1) ASTM 4 at 20 °C
DRY RESIDUE (A)	: 57% (± 1)
DRYING	: Before UV curing, make sure the solvent is completely evaporated (Flash-Off with IR lamps for 3-4' at 50 °C). Use an ultraviolet (UV) lamp system for industrial curing that generates radiation in the **200-400 nm** range with a power of 120W/cm. Such radiation must be properly focused on the workpiece. The curing time of UV coatings may vary from plant to plant.
RECOMMENDED LAYERS	: 2 coats
RECOMMENDED THICKNESS	: 15 - 20 µm
RECOATING:	: Not recommended

SAFETY REGULATIONS:

Strictly follow the instructions on the labeling and in the safety data sheet.

STORAGE CONDITIONS:

In unopened and sealed packages, not exposed to the sun and kept at a temperature of +5 to +30 °C.

The data and information contained in this sheet are the result of our experience and accurate laboratory tests. However, since the painting process represents a set of operations that are beyond our control, they do not therefore guarantee, in any way, the final performance of the cycle.

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