Data sheet

UV3L0773

UV VACU.MET. FINISH

1000 ml +
500 ml

11″ - 13″ ASTM 4
at 25 °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:

Colorless UV finish based on acrylic/epoxy oligomers intended for specific uses in cosmetics (packaging). characterized by excellent adhesion to high vacuum metallization, good curing speed, excellent resistance to perfumes and creams.
Colorless with low yellowing after UV curing.

FIELD OF APPLICATION:

UV varnish suitable for high vacuum metalization protection.
It can also be used as finishing (lacquering) of plastics and on alloys (zamak type).
Not suitable for outdoor applications.

PREPARATION OF THE SUBSTRATE:

Plastic materials: Directly on ABS, SAN after cleaning, possibly including mechanical cleaning, and on polypropylene after flaming and application of our **66099 primer**.

PREPARATION OF THE PRODUCT:

Comp. A	: **UV3L0773**	100 parts by weight
Diluent	: **10002AE** or **641**	50 - 70 - 100 parts by weight

Application viscosity: 11-13 seconds (varies from plant to plant and needs).
It is possible to color the paint with our concentrated dye series **50100M**.

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PRODUCT SPECIFICATIONS:

TYPE OF PRODUCT	: Single-component.
APPEARANCE OF THE FILM	: Glossy
COLORS	: Clear
SPECIFIC WEIGHT	: Approx. 1.02 kg/lt.
SUPPLY VISCOSITY	: Approx. 17" ASTM 4 at 25 °C
DRY RESIDUE (A)	: Approx. 53%.
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 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.

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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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