

BAJACRYL UV CURE CLEAR COAT 24093

DESCRIPTION: **BAJACRYL UV CURE CLEAR COAT 24093** is a one component fast cure, high gloss, hardness, chemical and scratch resistance Over Print varnish (OPV) based on modified acrylate resins. It cures under UV radiation to form a hard and tough coating which has good resistance against abrasion and impact as well as to stain.

RECOMMENDED USE: As an anti-fingerprint, anti-scratch, high Tg varnish on printed paper specially design for silk screen machine to make **emboss special effect**.

PHYSICAL CONSTANTS:

Colours:	clear/0000
Finish:	glossy
Volume by solid:	100 % (curable materials)
Theoretical Spreading rate:	10 m ² /litre-100 micron
Flash point:	> 105°C Abel-pensky.close cup
Specific gravity:	1kg/litre
Cure condition:	90 mJ/cm ²
Hardness (pencil):	4H (on glass panel)
Adhesion:	3 – 4B (95-100%)
Stain Resistance:	generally resistant for short exposures to a wide variety of household items, but formulation dependant.
Abrasion:	50 - 100 mg loss (Taber CS 17 / 1000 cycles, 1000 gram)

APPLICATION DETAILS:

Mixing Ratio:	No hardener needed
Application Method:	Off-set machine
Thinner (max.vol):	No Thinner needed
Pot-Life:	-
Take Up:	100-120 gr/m ²
Roller Pressure:	200 bar/2900 psi
Cleaning of Tools:	BAJAK TOOL'S CLEANER 8000
Indicated film thickness, wet:	100 microns
Indicated film thickness, dry:	100 microns
Shelf life:	one year
Packing:	20 kg plastic pail or 1000 kg IBC tank

Curing Cycles

For card board:

- Cure UV-lamps (mJ/Cm²) min. 90
- Type "H"-bulb for transparent colours semi/transparent finishes
- Type "V" bulb (or combinations of H&V) for opaque finishes

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