

## BAJACRYL UV CURE CLEAR COAT 24091

**DESCRIPTION:** **BAJACRYL UV CURE CLEAR COAT 24091** 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 off-set machine.

### PHYSICAL CONSTANTS:

Colours:	clear/0000
Finish:	glossy
Volume by solid:	100 % (curable materials)
Theoretical Spreading rate:	100 m <sup>2</sup> /litre-10 micron
Flash point:	> 105°C Abel-pensky.close cup
Specific gravity:	1 kg/litre
Viscosity:	380-420 sec. (Ford Cup #4)
Cure condition:	min 30 mJ/cm <sup>2</sup>
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:	5-10 gr/m <sup>2</sup>
Roller Pressure:	200 bar/2900 psi
Cleaning of Tools:	BAJAK TOOL CLEANER 8000
Indicated film thickness, wet:	25 microns
Indicated film thickness, dry:	25 microns
Shelf life:	one year
Packing:	20 kg plastic pail or 1000 kg IBC tank

### Curing Cycles

#### For card board:

- Cure UV-lamps (mJ/Cm<sup>2</sup>) min. 30
- Type "H"-bulb for transparent colours semi/transparent finishes
- Type "V" bulb (or combinations of H&V) for opaque finishes

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