

Application Fields

The **MIDACURE (SSUV)** series are UV SILKSCREEN INKS are specially formulated to meet the new trends occurring in screen printing market (PACKAGING&DISPLAY) on a wide range of plastic and paper substrates

SPECIFICATIONS

- | | |
|-----------------------|-------------------|
| ■ Solid Content | 100% |
| ■ Finesse | <5 NPIRI |
| ■ Curing Speed | m/min30 |
| ■ CURING POWER | 120w/cm |
| ■ RECOMMENDED SQUEEGE | Hard polyurethane |

PRODUCT KEY FEATURES

- Low VOC'S (< 1%)
- High gloss
- Low odor
- High productivity
- Excellent curing properties
- High color strength
- Good adhesion to plastic substrates
- Excellent adhesion, abrasion, and scratch resistance
- High printing performance

RECOMMENDED SUBSTRATES

Non absorbent pre-treated substrates with surface tension 38-45 DYNES /CM including:

- Poly styrene (PS)
- Poly propylene (PP, BOPP)
- Poly Ethylene (PE)
- Poly Ethylene Terephthalate (BET)
- Poly Vinyl chloride (PVC)
- POLY CARBONATE (PC)

Additives

- SSUV -001 : UV THINNER TO REDUCE VISCOSITY (MAX addition 2% - 5%)
- SSUV -002 : curing aid to increase curing speed (max addition 2% - 5%)
- SSUV -051 : Transparent UV ink used to reduce color strength (as per printer's requirement)

RANGE OF COLORS

Available in a full range of standard and specialty colours.

COLORS	CODE	LIGHT FASTNESS
Process Magenta	SSUV -100	4-5
Process Magenta	SSUV -100H*	7
Warm red	SSUV -101	4-5
Rubine Red	SSUV -102	5-6
Orange	SSUV -200	4-5
Process Yellow	SSUV -300	4-5
Process Yellow	SSUV -300H**	7
Yellow	SSUV -301	5-6
Green	SSUV -400	8
Process Cyan	SSUV -500	8
Process Blue	SSUV -501	8
Reflex Blue	SSUV -600	3-4
Violet	SSUV -700	4-5
Purple	SSUV -750	4-5
Rhodamine	SSUV -775	3-4
Process Black	SSUV -800	8
Opaque Black	SSUV -801	8
Opaque White	SSUV -900	N/A
Red 032	SSUV -032	4-5
Blue 072	SSUV -072	3-4
Transparent White	SSUV -051	N/A

*:Blue Wool Scale Range 1 through 8, where 8 is the best Light fastness value

**H: high light fastness

Storage

- The product should be kept away from heat source and direct sunlight to avoid any unwanted polymerization.
- The storage life under normal conditions is maximum nine months.

Note: BENZOPHENONE FREE version is available upon request