

SL- SP 1833 CRYSTAL BASE

319

(Non-Phthalate & PVC Silicone Crystal Base)

Features

- Silicone ink for textile printing, high transparency, able to shaping drop of water after print, due to mark of mesh is doesn't remain on printed area.
- High transparency due to Defoamation nature.
- Low viscosity, good workability.
- <1833B CRYSTAL CATALYST> is must be used.
- Able to do dry Cleaning and iron fabric, due to thermal-resistance and feature of non-toxic.
- Overprint is recommended due to low elongation and tensile strength.
- Suitable to multi Purpose, such as Direct Printing, Transfer Printing, etc.

Application

- For overprint
 - a. Conduct flash cure after printing Silicone Ink on fabric or film.
 - b. Mix rate of 100(1833A CRYSTAL BASE) : 10(1833B CRYSTAL CATALYST), and conduct overprint on top of print area.
 - c. Curing 1 min / 320°F (160°C), final curing.
- Exclusive usage is recommended.
- For Flash Cure, 5-10 sec / 392°F(200°C) is recommended, repeat several times if needed

Curing (Fusion)

- Mix rate of 100(1833A CRYSTAL BASE) : 10(1833B CRYSTAL CATALYST), Curing 1 min / 320°F (160°C).
- Pot-life: about 6 hours(77°F / 25°C).
- Higher rate of Catalyst can make curing time shorter, but make work difficult due to short Pot-life.
- If Pot-life is short due to mix high rate of Catalyst or high room temperature, mix 1~2% of <SL-AD CURING DELAY> to extend Pot-life.
- If more than 5% of Catalyst is mixed and in 25°C of atmosphere temperature, it is possible to be cured naturally after 24 hours.

Remarks

- It is desirable to use within 6 month from manufacture date, but if passed 6 month, use after test of curing ability and adhesion, etc.
- If printing area on the fabric is containing phosphoric and sulfuric compound, or fabric that rubber attached, or Jean fabric, it is may not able to cure.
- Conduct cure thoroughly to do not loss adhesiveness and fastness.
- Although Silicone Ink has feature of anti-migration, conduct enough test before main printing.
- If needed to mix other product or material, contact AONE for more information.

Eco-Friendly

- Compliant with CPSIA(Pb, Phthalates).
- Meet standard of Eco-passport, adidas A-01, NIKE RSL.
- AONE's product does not contain regulated materials, but we do not examine whole product. We recommend to examine every kind of regulated materials and pre-testing for your own use purpose.

Colors

 1833 CRYSTAL BASE

Method

- Substrates: 100% cotton, cotton blends, Polyesters.
- Mesh :50~150 t/in.
- Curing: 100(#1833A) : 10(#1833B), 320°F (160°C), heating more than 60sec.
- Wash-up: organic solvent.

Packing & Storage

- Packaging: 20Kgs.
- Storage: Avoid direct sun, keep in cool place(41~77°F / 5~25°C).