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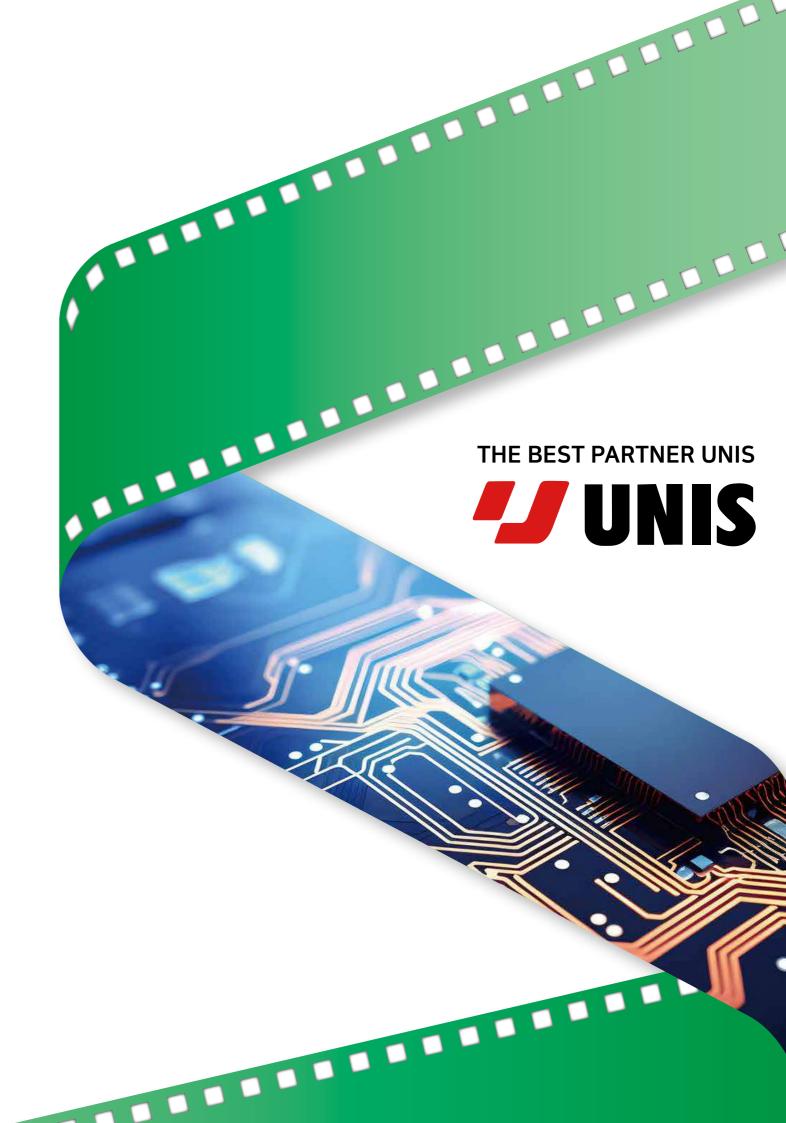
USR-100 Handling Guidelines

Storage conditions

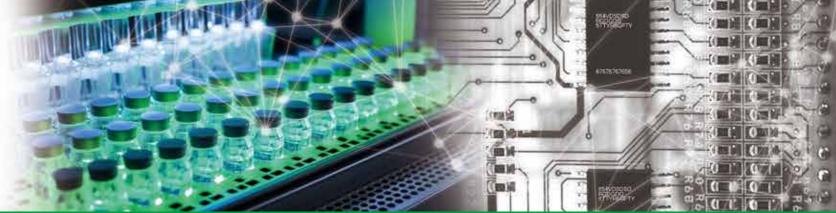
Store at low ventilated temperatures out of direct sunlight of 5-25°C (room temperature)

Expiration date

main agent: 6 months from the date of manufacture / hardener: 6 months from the date of manufacture

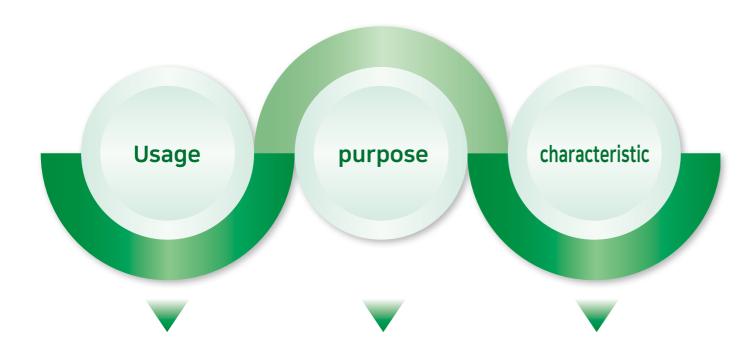






Solder Resist Ink's product specification sheet

Usage, Purpose, and Characteristic of USR-100



- Paint materials used to prevent lead from sticking when soldering parts on printed circuit boards for information, communication, and display
- Process of processing to provide electrical insulation while protecting circuits other than parts holes or surface mounts (SMDs) soldered to the final product
- Resist Ink to protect surface circuits from external environments while preventing unnecessary lead adherence when inserting and mounting parts into PCB and COF

- The specifications of the product are intended to be solder resist in the manufacture of electronic circuit boards
- Manufacturing and Supply: Eunice Inc(UNIS CO., LTD)
- A product with high surface hardness and excellent flexibility through curing between polyurethane resin synthesized with a molecular weight designed for the purpose and epoxy resin with excellent electrical insulation
- It consists of a clean system from the input of raw materials to the packaging of the product, so there is less foreign substances
- Using a fine size pigment, there is no poor pigment dispersion or oversize particle size

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SR Ink usage and performance comparison

How to use

- · Add 110g of curing agent exactly to 690g of main agent.
- · Stir at 660 rpm x rev. of rotation of paste mixer (Rot.).
- · It should be used within 24 hours after aging for at least 2 hours.



Performance Comparison

Test items	Test method	N company	USR-100
Chemical test 1	Acetone, IPA, Glass cleaner 5min dipping (Swell, Delamination, Corrosion free)	No damage	No damage
Chemical test 2	17N Strong Alkali 5min dipping (Swell, Delamination, Corrosion free)	No damage	No damage
Surface hardness	Pencil hardness(3H~6H)	4H	4H
Adhesion with COF	Cross cut test(100/100)	100/100	100/100
Bending test	200g/180°	450Max.	500Min.
HAST	130°C / 85% / 60V / 96Hr	Pass/96Hr	Pass/96Hr