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USR-100 Handling Guidelines

Storage conditions

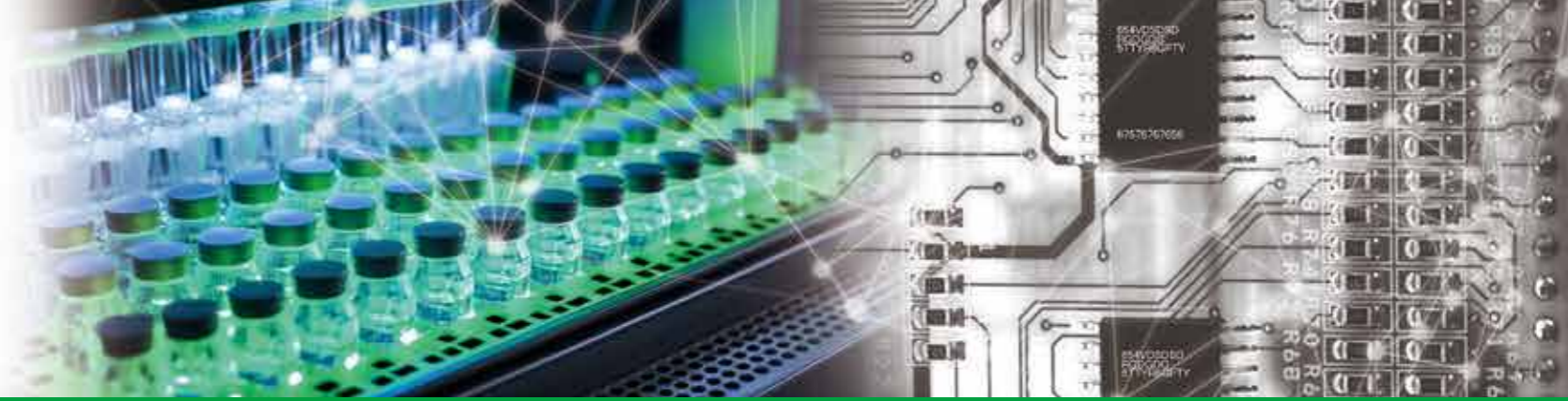
Store at low ventilated temperatures out of direct sunlight of 5–25°C (room temperature)

Expiration date

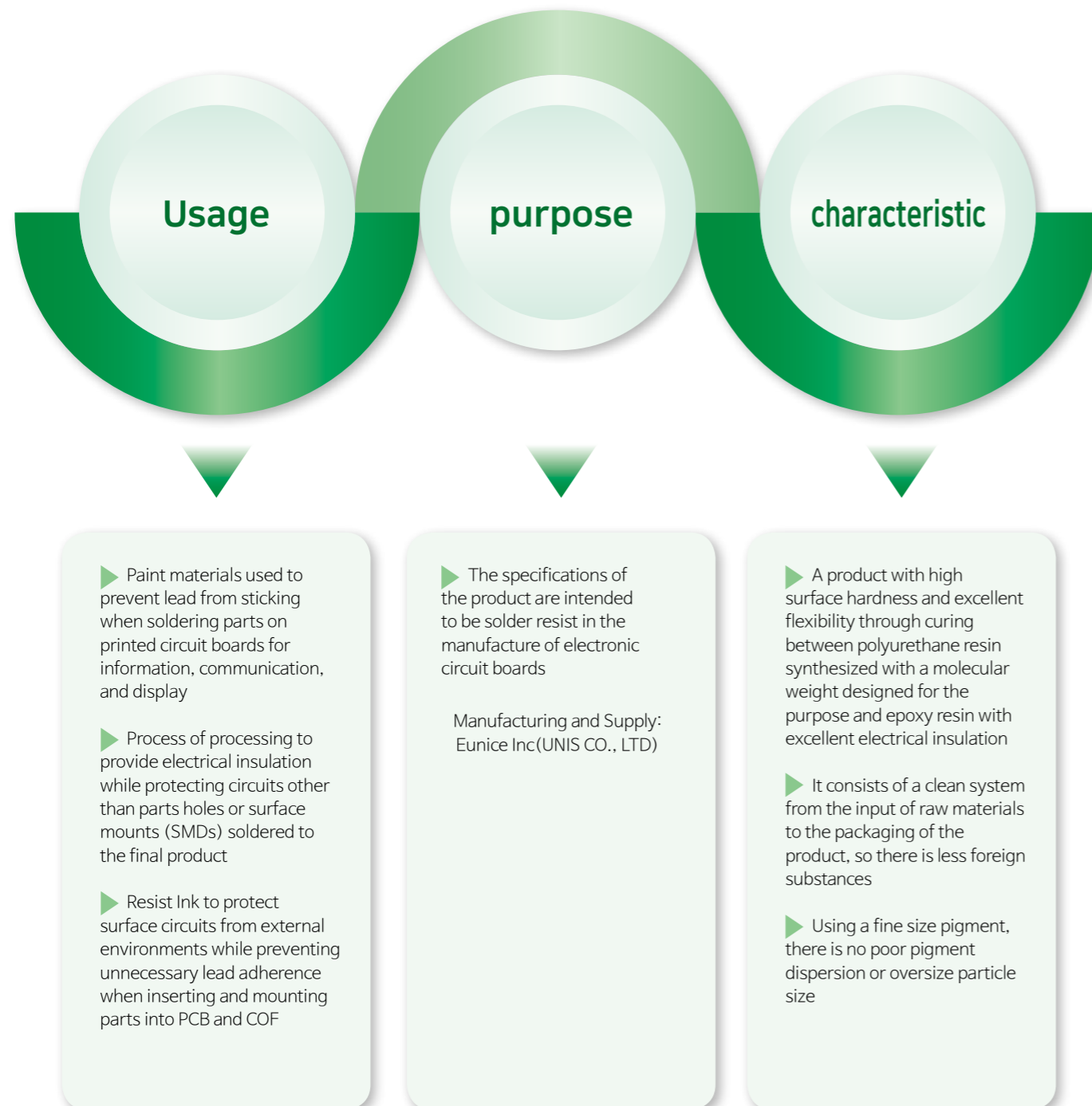
main agent: 6 months from the date of manufacture / hardener: 6 months from the date of manufacture

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Usage, Purpose, and Characteristic of USR-100



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