

HumiSeal® Stripper 1100

Technical Data Sheet

HumiSeal® Stripper 1100 is a unique stripper to remove dual cure acrylated urethane conformal coating such as UV40 family products. HumiSeal® Stripper 1100 does not contain any halogenated hydrocarbons, aromatics or flammable ingredients. Unlike methylene chloride based products that evaporated quickly, HumiSeal® Stripper 1100 remains on the surface to penetrate and soften the coating. HumiSeal® Stripper 1100 will not remove or attack solder, copper, silver, gold and nickel plating. HumiSeal® Stripper 1100 is in full compliance with the RoHS Directive (Directive 2002/95/EC).

Typical Physical Properties of HumiSeal® Stripper 1100

Stripper	1100
Compatible HumiSeal® Coatings	UV40, UV40-250, UV40HV, and UV40 GEL Products
Relative Evaporating Rate (BuAc=1)	< 1.0
Specific Gravity	1.05
Flash Point (°C) TCC	92.8
VOC (grams/litre)	1,049
Shelf Life, DOM	36 months
Color	Light Amber to Clear

Directions for Use

Immerse the component or printed circuit board assembly into HumiSeal® Stripper 1100. The rate at which the existing coating will dissolve will depend upon its thickness and age. Most coatings of normal thickness will normally be completely removed in approximately up to 30 minutes or less. The use of mechanical mixers will speed up the dissolving rate. HumiSeal® Stripper 1100 can also be used to remove coating from small areas, by applying a few drops to the desired location.

After the existing coating has been removed, thoroughly wash the assembly in isopropyl alcohol, deionized water or other qualified cleaning process. If the component surface of is cloudy after washing, the removal is incomplete. The removal should be repeated for a longer time. Oven dry the assembly for a minimum of 30 minutes at 66°C prior to recoating.

Handling Precautions

HumiSeal® Stripper 1100 contains powerful and non-hazardous solvents, however the following standard safety precautions should be observed:

- Use only in well ventilated areas.
- Protective gloves and goggles should be worn.
- In case of prolonged skin contact, wash with water.
- In case of eye contact, flush with water and contact physician.
- Avoid prolonged breathing of vapors.

- Unused portions of HumiSeal® products must be disposed of in compliance with applicable environmental regulations.
- Consult the Material Safety Data Sheet (MSDS/SDS) for more specific product information.

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