

HumiSeal® Stripper 1063 Technical Data Sheet

HumiSeal® Stripper 1063 is a non-acidic, non-destructive stripper that dissolves cured HumiSeal® polyurethane coatings without negatively affecting printed wiring board substrates or components. HumiSeal® Stripper 1063 is in full compliance with the RoHS Directive EU 2015/863.

Typical Physical Properties of HumiSeal® Stripper 1063

Stripper	1063
Compatible HumiSeal® Coatings	1A27 & 1A33 Families
Relative Evaporating Rate (BuAc=1)	2.10
Specific Gravity	0.82 ± 0.01
Flash Point (°C) TCC	11.1
Shelf Life, DOM	12 months
Color	Clear

HumiSeal® Stripper 1063 is safe for use on copper, gold, silver or nickel plating, amine cured epoxies, diallyl phthalate, neoprene, phenolic resins, polyethylene, Teflon, Kynar and most vinyl coated wires. It will attack anhydride-cured epoxies and some magnetic wire coatings.

Directions for Use

- Immerse the assembly into HumiSeal® Stripper 1063
- Soak for 60 minutes
- Brush loose material from the assembly
- Clean the assembly with IPA, DI water or other qualified cleaning solution
- Inspect the assembly to ensure the coating has been completely removed
- Repeat the steps above if coating is still on the assembly
- Bake for a minimum of 30 minutes @ 60 - 65°C after the final cleaning process

A fully cured polyurethane coating of nominal thickness will typically dissolve readily within 60 minutes upon contact with HumiSeal® Stripper 1063. The use of heat is not required for use with HumiSeal® Stripper 1063, however the addition of heat between 40 – 45°C can aid in the efficiency of the stripping process. It is important to thoroughly clean the assembly after the conformal coating removal process. Following the cleaning process the assembly should be baked to remove residual moisture for a minimum of 30 minutes at 60 – 65°C.

Handling Precautions

HumiSeal® Stripper 1063 is flammable and 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 followed by a diluted boric solution and contact physician.
- Avoid prolonged breathing of vapors.
- Unused portions of HumiSeal® products must be disposed of in compliance with all applicable environmental regulations.
- Consult the Material Safety Data Sheet (MSDS/SDS) for more specific product information.

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