

FLUXKLEEN SA 101

by



Semi-Aqueous fluxes cleaning fluid



Description:

Fluxkleen SA 101 is a non-halogen containing, organic solvent and biodegradable fluid, blend specifically for removing fluxes, (e.g: rosin (RMA), low solid (no-clean), water-soluble (OA) residues) assembly residues, finger prints oils, etc from PWBs (SMT & Thru-hole), microelectronics, power modules, thick-film ceramic hybrid devices, solid state power delays/controllers. It contains 2 molecule groups that has OH (alcohol) that attach water soluble residues and CH (hydrocarbon backbone) that attach hydrocarbon base residues.

Feature & Benefits:

- Brilliant solder joint.
- High Flash point and readily biodegradable.
- High soil loading ensures extended bath life.
- Safe to use on most metals, plastics, rubber glass and ceramic.
- Low surface tension and fluxes, assembly residues are held in solution with special activators allows for easily rinsing.

Compatibility

Fluxkleen SA 101 is generally safe on aluminum, tin, lead, gold. Silver, platinum, rubber, Pu. PP, glass, ceramic substrates, etc. Recommended to perform a compatibility test before acceptable.

Technical data

Appearance	Clear to slight amber liquid
Odor	Slight to mild
Boiling point	175 °C to 185° C
Specific Gravity	0.960
Vapor pressure (25°c)	0.41 mmHg
Flash point	75°c
pH	10 – 10.5
Water solubility	soluble

Process parameter (suggested)

Stage 1	
Ultrasonic & Spray-under-immersion (batch/in-line)	
Temperature Range	40°C – 60°C
Cleaning time	3 – 10 minutes

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Revision Date: 01-Jan-25

Singapore Tel : 65. 6276.6123
Malaysia Tel : 60. 4643.2128
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Stage 2 (DI Water) Rinsing	
Typical rinse time	3-5 minutes
Temperature	Ambient

(Can be replace by Isopropyl Alcohol (I.P.A) if D.I. water is not desired)

Stage 3 (Drying) Hot/circulated air	
Typical drying time	5 – 10 minutes
Temperature	60 °c– 80°c

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Maintenance

Fluxkleen SA 101 may be disposed off when residues levels cause either a fall in cleaning action or rinsing process is no longer able to rinse the contaminant and cleaning fluid. Determining this point is usually by experience of the end-user.

Disposal

Dispose accordingly to national, state or local authority trade effluent regulations.

Availability/Storage

Packaged in polyethylene (H.D.) 4 liters & 20 liters container.
Store out of direct sunlight at 15 °c- 35°C.

Shelf Life

24 Months

Recommended Industries



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