

Afrisol

Technical Data Sheet

No-Clean Flux E191

Rev 1 Dated 12 October 2012

E191 No-Clean Flux

GENERAL DESCRIPTION

E191 is a very efficient halide-free and rosin/resin-free, low solids, no-clean flux. After soldering, a very small amount of barely visible residue is left which is tack-free and non-corrosive.

FEATURES & BENEFITS

- Non-Corrosive Residues. High SIR Assemblies.
- Fast Wetting. Defect-Free Soldering.
- Tack-Free Residues. Accurate Pin-Testing.

USES

E191 flux is engineered for foam, spray and wave applications. If foaming, it is recommended that the flux level be 1½ inches above the top of the stone. Topside preheat temperatures of 80°C-105°C are recommended.

PACKAGING

E191 is available in 500ml, 1lt, 5lt and 20lt containers

TECHNICAL SPECIFICATIONS Physical Properties	Typical Values
Appearance	Clear, Colorless Liquid
Solids Content, % wt/wt	2.1%
Specific Gravity: @ 25°C	0.798
@ 20°C	0.805
Acid Number (mg KOH/g)	15.9 - 18.6
Flash Point (TCC)	16°C
Thinners	425 Thinner

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CORROSION TESTING

CORROSION TESTING <u>Corrosion Testing</u>	<u>Requirements</u>	<u>Results</u>
Silver Chromate Paper Test	No Detection of Halide	Passes
Copper Mirror Test	No Complete Removal of Copper	Passes
IPC Copper Corrosion Test		Type "L"

HEALTH & SAFETY

Observe standard precautions for handling and use. Use in well-ventilated areas. Do not smoke. Avoid prolonged or repeated contact with the skin by the use of solvent resistant gloves.

Flammable, keep away from sparks and open flames. Remember, empty containers can still be flammable hazard from residual vapors. Remove skin splashes by immediate washing with soap and water.

Please consult the product Material Safety Data Sheet as the primary source of health and safety information.