

ALPHA®WS71 CORED WIRE

Organic Water Soluble Flux Cored Wire

DESCRIPTION

ALPHA WS71 is an organic water-soluble flux for cored wire. The activity level of the flux is comparable to the stronger acid type fluxes and can be used in electrical applications with thorough water rinsing. In electronics applications, a neutralizer should also be employed. During the soldering process, the flux is partially decomposed during heating leaving minimal flux residues as compared to an equivalent amount of highly corrosive residues left by inorganic type fluxes.

READ ENTIRE TECHNICAL DATA SHEET BEFORE USING THIS PRODUCT

FEATURES AND BENEFITS

- Ideal for lead & lead free alloys
- Low fuming
- Excellent wetting action
- Residues are completely soluble in water
- Excellent soldering with difficult-to-solder metals

APPLICATION

ALPHA WS71 can be used on difficult to solder metals where inorganic type fluxes are too corrosive and rosin fluxes are not aggressive enough. Any organic liquid flux in the ALPHA Organic Flux series is compatible with ALPHA WS71. Aqueous cleaning should follow the soldering of any electrical or electronic part.

RESIDUE REMOVAL

Due to the hygroscopic nature of the flux residues, water rinsing is recommended especially in electrical and electronic applications. All residues are ionizable and completely soluble in water.

Simple water rinsing is sufficient, but where complete neutralization is necessary, use ALPHA NuetraKLEEN followed by a warm water rinse.

AVAILABILITY

ALPHA WS71 water-soluble core solder wire is available in a wide variety of core percentages and alloys.

RECYCLING SERVICES

We provide safe and efficient recycling services to help companies meet their environmental and legislative requirements and at the same time, maximize the value of their waste streams. Our service collects solder dross, solder scrap, and various forms of solder paste waste. Please contact your local sales representative for recycling capabilities in your area or [link here](#).



SAFETY & WARNING

It is recommended that the company/operator read and review the Safety Data Sheets for the appropriate health and safety warnings before use. **Safety Data Sheets are available at MacdermidAlpha.com/assembly-solutions/knowledge-base.**

CONTACT INFORMATION

To confirm this document is the most recent version, please contact
Assembly@MacDermidAlpha.com
www.macdermidalpha.com

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Also read carefully warning and safety information on the Safety Data Sheet. This data sheet contains technical information required for safe and economical operation of this product. READ IT THOROUGHLY PRIOR TO PRODUCT USE. Emergency safety directory assistance: US 1 202 464 2554, Europe + 44 1235 239 670, Asia + 65 3158 1074, Brazil 0800 707 7022 and 0800 172 020, Mexico 01800 002 1400 and (55) 5559 1588

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