

# ALPHA<sup>®</sup> 740

## Tinning Flux for Cables & Terminals

### DESCRIPTION

**ALPHA 740** is a water-based, low odor, low smoking flux designed for solder coating heavily oxidized copper or brass terminals and cables.

**ALPHA 740** flux is active enough to clean oxides rapidly but leave minimal residue after soldering. This is an important feature since flux residues tend to wick up under the wire and cable jackets. These residues result in only a slight tarnish of the copper cores at acceptable levels to the automotive industry (tested under extended heat and humidity).

READ ENTIRE TECHNICAL DATA SHEET BEFORE USING THIS PRODUCT

### APPLICATION GUIDELINES

ALPHA 740 can be used in spray, fountain or dip operations. In dip applications, the terminated wires and cables are dipped in ALPHA 740, the excess flux is allowed to drain off then the cables are slowly submerged in the molten solder.

**Caution:** Extreme care should be taken not to entrap flux under the solder. A too rapid submersion of parts could cause the solder to erupt, due to steam build up.

### TECHNICAL DATA

Item	Typical Values	Item	Typical Values
Appearance	Milky-white emulsion	Packaging Size	5 and 55 gallons
Specific Gravity @ 25 °C (77 °F)	1.041	Shelf Life (from Date of Mfg.)	
pH, as received	2.3		

**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](http://MacdermidAlpha.com/assembly-solutions/knowledge-base).**

**STORAGE**

Avoid storage below 32 °F for prolonged periods.

**CONTACT INFORMATION**

**To confirm this document is the most recent version, please contact [Assembly@MacDermidAlpha.com](mailto:Assembly@MacDermidAlpha.com)**

[www.macdermidalpha.com](http://www.macdermidalpha.com)

<p><b>North America</b> 109 Corporate Blvd. South Plainfield, NJ 07080, USA 1.800.367.5460</p>	<p><b>Europe</b> Unit 2, Genesis Business Park Albert Drive Woking, Surrey, GU21 5RW, UK 44.01483.758400</p>	<p><b>Asia</b> 8/F., Paul Y. Centre 51 Hung To Road Kwun Tong, Kowloon, Hong Kong 852.3190.3100</p>
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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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