

ALPHA[®] RADSOL 2201

Heat Exchange Manufacturing Flux

DESCRIPTION

ALPHA Radsol 2201 is a non-chelating, non-corrosive residue flux formulated primarily for Copper/Brass heat exchanger manufacture. Developed as part of the Radsol 2000 range, it is principally used for handsoldering (tank soldering, detail or sub-assembly soldering e.g. pipes, filler necks etc).

READ ENTIRE TECHNICAL DATA SHEET BEFORE USING THIS PRODUCT

FEATURES & BENEFITS

- High Activity – Excellent wetting and high quality joints
- Zinc Chloride Free - Ensuring inert, non-corrosive post soldering residues
- Will Not Form Stable Chelates – Spent flux or wash waters, contaminated with heavy metals from soldering, can be treated by normal neutralising effluent disposal plants without risk of chelate complexing (guarantees complete removal of heavy metals from properly treated effluent liquors).
- Non-Carbonising – Will not leave solid or oily black residues.
- High Temperature Stability – Ideal with high temperature and Lead-free soft solders

APPLICATION GUIDELINES

ALPHA Radsol 2201 is suitable for use with conventional or Lead-free soldering on Copper and Copper alloy components, primarily radiators. Dilution with water is recommended for most handsoldering applications, up to 1:3, depending on product and process. As a general rule, the lowest strength flux mixture compatible with satisfactory bonding should be the target.

TECHNICAL DATA

Item	Typical Values	Item	Typical Values
Appearance	Clear, colorless to pale yellow liquid	Shelf Life (from Date of Mfg.)	1.5 Years
Specific Gravity @ 20 °C	1.109 to 1.114	Flash Point	Not Applicable
pH, 100% w/w conc.	< 5.00	Boiling Point	100 °C
Odor	Slightly Acrid	Packaging Size	25 & 200 Liters

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
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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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