

# ALPHA<sup>®</sup> RADSOL T208

## Flux Series

### DESCRIPTION

**ALPHA Radsol T208** fluxes are water-white solutions containing mild, though extremely efficient, fluxing agents. The fluxing agents are some of the most effective agents known for use in dilute solutions. Two variants of ALPHA Radsol T208 flux are available: ALPHA Radsol T208B which is water based and ALPHA Radsol T208C which is alcohol solvent based.

READ ENTIRE TECHNICAL DATA SHEET BEFORE USING THIS PRODUCT

### FEATURES AND BENEFITS

- **Zinc Chloride Free**; Ensuring inert, non-corrosive post-soldering residues
- **Mild**; Soldering heat decomposes the small proportion of active material normally removing the need for washing
- **ALPHA Radsol T208B: Water Based**; Ideal for small, clean copper or copper alloy components
- **ALPHA Radsol T208C: Alcohol Based**; Very low latent heat of fusion reduces solder spitting when dipping. If residue removal is required, the residues are extremely water-soluble or, if preferred, can be removed with most polar type solvents.

### APPLICATION GUIDELINES

ALPHA Radsol T208 Fluxes find uses wherever mild, though efficient, fluxing is required. These fluxes are particularly suitable as a substitute for the traditional resin safety fluxes where the stickiness of the resin cannot be tolerated. They are most efficient on plain copper and brass. They can also be used on tinned surfaces, solder plating, nickel plating, tin/nickel plating, silver plating and gold plating. ALPHA Radsol T208C is used where maximum wetting and minimum heating time is required and is particularly suitable for dip tinning copper wire. Application is by brushing or dipping.

**TECHNICAL DATA**

Item	Typical Values	
	ALPHA Radsol T208B	ALPHA Radsol T208C
Specific Gravity @ 25 °C (77 °F)	1.008	0.830
pH	<2	N/A
Flash Point (T.C.C.)	None	12°C
Odor	None	Slight
Shelf Life (from Date of Mfg.)	720 Days	720 Days
Packaging Size	5, 10 and 25 Liter plastic containers	

**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).**

**CONTACT INFORMATION**

To confirm this document is the most recent version, please contact  
**Assembly@MacDermidAlpha.com**  
[www.macdermidalpha.com](http://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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