

# ALPHA<sup>®</sup> 443

## Thinner

### DESCRIPTION

**ALPHA 443** Thinner is a carefully balanced blend of proprietary materials, specifically formulated to restore Alpha Fluxes to peak performance.

READ ENTIRE TECHNICAL DATA SHEET BEFORE USING THIS PRODUCT

### APPLICATION GUIDELINES

The solvent system is an important factor in determining the effectiveness of soldering fluxes. On exposure to air, solvents contained in most fluxes begin to evaporate, thus changing the physical properties of the original material. Evaporation loss may adversely affect the surface tension, wetting power and overall quality of the material.

To restore the soldering flux to its original consistency and maintain maximum product efficiency, only the recommended compatible thinning material should be used.

### TECHNICAL DATA

Item	Typical Values	Item	Typical Values
Appearance	Clear, water-white liquid	Flash Point (T.C.C.)	12 °C
Specific Gravity @ 25 °C (77 °F)	0.781 ± .005	Shelf Life (from Date of Mfg.)	1080 days
Packaging Size	10 Liter container		

**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)**

<p><b>North America</b>                  109 Corporate Blvd.                  South Plainfield, NJ 07080, USA                  800.367.5460</p>	<p><b>Europe</b>                  Unit 2, Genesis Business Park                  Albert Drive                  Woking, Surrey, GU21 5RW, UK                  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>
---	---	---

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

DISCLAIMER: All statements, technical information and recommendations contained herein are based on tests we believe to be reliable, but the accuracy or completeness thereof is not guaranteed. No statement or recommendation shall constitute a representation unless set forth in an agreement signed by officers of seller and manufacturer. NO WARRANTY OF MERCHANTABILITY, WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY IS MADE. The following warranty is made in lieu of such warranties and all other warranties, express, implied, or statutory. Products are warranted to be free from defects in material and workmanship at the time sold. The sole obligation of seller and manufacturer under this warranty shall be to replace any noncompliant product at the time sold. Under no circumstances shall manufacturer or seller be liable for any loss, damage or expense, direct, indirect, incidental or consequential, arising out of the inability to use the product. Notwithstanding the foregoing, if products are supplied in response to a customer request that specifies operating parameters beyond those stated above, or if products are used under conditions exceeding said parameters, the customer by acceptance or use thereof assumes all risk of product failure and of all direct, indirect, incidental and consequential damages that may result from use of the products under such conditions, and agrees to exonerate, indemnify, defend and hold harmless MacDermid, Incorporated and its affiliates therefrom. No suggestion for product use nor anything contained herein shall be construed as a recommendation to use any product in a manner that infringes any patent or other intellectual property rights, and seller and manufacturer assume no responsibility or liability for any such infringement.

© 2019 MacDermid, Inc. and its group of companies. All rights reserved. "R" and "TM" are registered trademarks or trademarks of MacDermid, Inc. and its group of companies in the United States and/or other countries.