

ALPHA[®] LS4

Solder Alloy

DESCRIPTION

ALPHA LS4 Solder Alloy is a lead based alloy containing both silver and tin.

READ ENTIRE TECHNICAL DATA SHEET BEFORE USING THIS PRODUCT

FEATURES & BENEFITS

ALPHA LS4 Solder Alloy is ideal for soldering to or for joining the commonly used metals:

- Copper
- Brass
- Tin

APPLICATION GUIDELINES

ALPHA LS4 Solder Alloy has many areas of use such as in equipment where the working temperature is too high to allow the use of standard Sn/Pb and Sn/Ag alloys to be employed. Typical applications would be for transformer bobbins or for securing components which are required to be unaffected by a subsequent reflow or wave soldering operation.

TECHNICAL DATA

Material Property	ALPHA LS4
Melting Point (°C)	294 to 305
Composition (%)	5%Sn 94%Pb 1%Ag

ALPHA LS4 as a proprietary brand material is not designed to conform to any particular specification. However, all elements other than the tin, lead and silver from which it is composed, are within limits imposed by specifications for alloys of this type.

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**

<p>North America 109 Corporate Blvd. South Plainfield, NJ 07080, USA 1.800.367.5460</p>	<p>Europe Unit 2, Genesis Business Park Albert Drive Woking, Surrey, GU21 5RW, UK 44.01483.758400</p>	<p>Asia 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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