

HI-TEMP HI-FORCE 44™ SOLDER - HIGH TEMP HI-FORCE 44 SOLDER 1LB WIRE

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38,000 PSI; Flows At 650° F. Highest Silver-Bearing Content Available In A Non-Zinc Solder

Higher tensile strength for a stronger bond on joints that are subject to a high degree of stress or vibration. Contains 95% Cadmium and 5% Silver that flows free at 640° to 650° F. (maximum temp. 740° F.). Bonds quickly to all types of steel including stainless steel. Not affected by hot, caustic bluing solutions or by baking after spray-finish applications. Use with Copper Bond Flux and adequate ventilation.



Attributes

- Name: [HIGH TEMP HI-FORCE 44 SOLDER 1LB WIRE](#)
- Manufacturer: [BROWNELLS](#)
- Product no.: 080649590
- Mfr. No.:
- Container Size: 1 lbs
- Weight: 1 lb
- Delivery weight: 0.476kg
- Shipping height: 30mm
- Shipping width: 112mm
- Shipping length: 157mm
- UPC: 050806016996

Item details

Made in USA

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HITEMP HIFORCE 44™ SOLDER Safety Instruction Guide

Introduction

Welcome to the safety instruction guide for HITEMP HIFORCE 44™ SOLDER. This product is designed for hightemperature soldering applications, featuring a strong bond suitable for joints under stress or vibration. To ensure safe and effective use, please read the following guidelines carefully.

General Safety Guidelines

- Always use personal protective equipment (PPE) such as gloves, goggles, and a mask when handling solder.
- Ensure adequate ventilation in the workspace to avoid inhalation of fumes.
- Keep the soldering area clean and free of flammable materials.
- Store the solder in a cool, dry place away from direct sunlight and heat sources.
- Be aware of the maximum temperature limit of 740° F to prevent overheating and potential hazards.
- Regularly check for updates on product safety and recalls through the EU's Safety Gate platform.

Specific Safety Precautions for Use

- **Hazard Identification:** This product contains 95% Cadmium and 5% Silver, which can be harmful if inhaled or ingested.
- **Avoid Skin Contact:** Do not touch the solder with bare skin to prevent irritation or allergic reactions.
- **Ingestion Warning:** Keep the solder out of reach of children and pets to prevent accidental ingestion.
- **Fume Inhalation:** Avoid breathing in fumes generated during soldering. Use a fume extractor if necessary.
- **Emergency Procedures:** In case of contact with eyes, rinse immediately with water and seek medical attention. If inhaled, move to fresh air and consult a physician if symptoms persist.

Instructions for Installation and Usage

1. Preparation:

- Gather all necessary tools, including soldering iron, Copper Bond Flux, and PPE.
- Ensure the workspace is wellventilated.

2. Heating the Soldering Iron:

- Plug in the soldering iron and allow it to reach the appropriate temperature (640° to 650° F).

3. Applying Flux:

- Apply Copper Bond Flux to the joints to be soldered to enhance bonding.

4. Soldering Process:

- Hold the soldering iron against the joint.
- Introduce the HITEMP HIFORCE 44™ SOLDER to the joint, allowing it to flow freely.
- Remove the soldering iron once the solder has adequately bonded.

5. Cooling:

- Allow the solder joint to cool naturally without disturbance.

6. PostUse Care:

- Clean the soldering iron tip and store it properly.
- Dispose of any waste materials in accordance with local regulations.

Disposal Instructions

- Dispose of any unused solder and packaging in accordance with local waste management regulations.
- Do not dispose of solder in regular household waste. Check for specialized recycling programs for hazardous materials in your area.

Contact Information for Further Support

For safety inquiries and additional support, please refer to the contact information provided by the manufacturer or your local distributor.

Thank you for choosing HITEMP HIFORCE 44™ SOLDER. Your safety is our priority. Please follow these guidelines to ensure a safe and effective soldering experience.

About Us

Brownells Austria

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