

HI-TEMP HI-FORCE 44™ SOLDER - HIGH TEMP HI-FORCE 44 SOLDER 1/4LB WIRE

[Gunsmith Tools & Supplies](#) > [General Gunsmith Tools](#) > [Solders & Flux](#)

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 1/4LB WIRE](#)
- Manufacturer: [BROWNELLS](#)
- Product no.: 080649525
- Mfr. No.: NONE
- Container Size: 1/4 lb
- Weight: 1/4 lb.
- Delivery weight: 0.113kg
- Shipping height: 20mm
- Shipping width: 94mm
- Shipping length: 168mm
- UPC: 050806016972

Item details

Made in USA

Table of Contents

- Startpage
- HITEMP HIFORCE 44™ SOLDER Safety Instruction Guide
- About Us

HITEMP HIFORCE 44™ SOLDER Safety Instruction Guide

Introduction

Thank you for choosing HITEMP HIFORCE 44™ SOLDER. This product is designed for highstrength soldering applications, particularly in environments where joints are subject to stress or vibration. To ensure safe and effective use, please read this safety instruction guide carefully.

General Safety Guidelines

- Always use the product in a wellventilated area to avoid inhaling fumes.
- Wear appropriate personal protective equipment (PPE), including safety goggles and gloves, to protect against burns and exposure to hazardous materials.
- Keep the soldering area clean and free of flammable materials to prevent fire hazards.
- Ensure that all tools and equipment used in conjunction with the solder are in good working condition.
- Store the solder in a cool, dry place away from direct sunlight and heat sources.

Specific Safety Precautions for Use

- **Hazard Identification:**
 - Contains 95% Cadmium and 5% Silver, which can be harmful if inhaled or ingested.
 - The product can reach temperatures up to 740° F, which poses a burn risk.
- **Avoiding Hazards:**
 - Do not use in enclosed spaces without adequate ventilation.
 - Avoid direct contact with skin and eyes. In case of contact, rinse immediately with plenty of water and seek medical attention if irritation persists.
 - Do not eat, drink, or smoke while using the product to prevent ingestion of hazardous materials.
- **Age and Audience Specific Warnings:**
 - Keep out of reach of children. This product is not intended for use by individuals under the age of 18.

Instructions for Installation and Usage

- **Preparation:**
 - Ensure the work area is clean and wellventilated.
 - Gather all necessary tools and materials, including Copper Bond Flux.
- **Soldering Process:**
 1. Heat the soldering iron to the required temperature (640° to 650° F).
 2. Apply Copper Bond Flux to the surfaces to be joined.
 3. Feed the HITEMP HIFORCE 44™ SOLDER into the joint, allowing it to flow and bond.
 4. Remove the heat source and allow the joint to cool naturally.
- **PostUse:**
 - Clean the soldering tools after use to prevent contamination and buildup.
 - Store any unused solder in its original container, tightly sealed.

Disposal Instructions

- Dispose of any leftover solder and flux according to local regulations for hazardous waste.
- Do not dispose of in regular household waste or down the drain.
- For guidance on disposal, contact your local waste management authority.

Contact Information for Further Support

For any questions or concerns regarding the safety and usage of HITEMP HIFORCE 44™ SOLDER, please refer to the manufacturer's contact details provided on the packaging or visit the manufacturer's website.

Conclusion

By following these safety instructions, you can ensure a safe and effective soldering experience with HITEMP HIFORCE 44™ SOLDER. Always prioritize safety and adhere to the guidelines provided. Thank you for your attention to these important safety measures.

About Us

Brownells Austria

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