

HI-FORCE 44™ SOLDER - BROWNELLS HI-FORCE 44 SOLDER 1LB WIRE

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28,000 PSI-Flows At 475° F. The Best All-Round Solder For Gunsmithing

Brownells Hi-Force 44 Solder is an alloy solder containing 4% silver and 96% tin. Excellent for steel, stainless steel, nickel, brass and copper. Completely non-toxic. Flows free and smooth at about 475° F., greatly reducing heating time. No need for cumbersome oxyacetylene setups. Prevents black oxide formation to reduce cleanup time. Provides 14,000 to 28,000 PSI tensile strength. Will not crack under stress as do other low temperature soldering materials. And, a big plus . . . customers report that parts joined with Hi-Force 44 Solder showed no effects when immersed in hot bluing tanks! Use #4 Comet Flux.



Attributes

- Name: [BROWNELLS HI-FORCE 44 SOLDER 1LB WIRE](#)
- Manufacturer: [BROWNELLS](#)
- Product no.: 080649100
- Mfr. No.: 1380620196
- Container Size: 1 lbs
- Weight: 1 lb
- Delivery weight: 0.431kg
- Shipping height: 56mm
- Shipping width: 81mm
- Shipping length: 130mm
- UPC: 050806016835

Item details

Made in USA

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HiFORCE 44™ SOLDER Safety Instructions

Introduction

Thank you for choosing Brownells HiForce 44 Solder. This guide provides essential safety instructions to ensure the safe and effective use of this product. Brownells HiForce 44 Solder is an alloy solder that contains 4% silver and 96% tin. It is designed for use with various metals, including steel, stainless steel, nickel, brass, and copper. Please read this guide carefully before use.

General Safety Guidelines

- Always use this product in a wellventilated area to minimize inhalation of fumes.
- Keep the solder and flux out of reach of children and pets.
- Wear appropriate personal protective equipment (PPE), including gloves and safety goggles, when handling solder.
- Do not use the solder near open flames or sources of ignition.
- Ensure that your workspace is clean and free of clutter to prevent accidents.
- Store the solder in a cool, dry place, away from direct sunlight and moisture.

Specific Safety Precautions for Use

- **Hazard Identification:**

- Inhalation of fumes may cause respiratory irritation.
- Contact with skin may cause irritation or allergic reactions.

- **Avoiding Hazards:**

- Always wear gloves to protect your skin from direct contact with the solder.
- Use safety goggles to protect your eyes from splashes and fumes.
- Avoid breathing in fumes by using adequate ventilation or a fume extraction system.

- **AgeSpecific Warnings:**

- This product is not intended for use by children. Ensure that only trained adults handle the solder.

Instructions for Installation and Usage

- **Preparation:**

- Gather all necessary materials, including the HiForce 44 Solder, #4 Comet Flux, and appropriate tools.
- Clean the surfaces to be soldered to ensure proper adhesion.

- **Using the Solder:**

- Heat the metal surfaces to the appropriate temperature (approximately 475° F).
- Apply #4 Comet Flux to the surfaces to facilitate solder flow.
- Feed the HiForce 44 Solder into the joint, allowing it to flow smoothly.

- **PostUse:**

- Allow the soldered joint to cool completely before handling.
- Clean up any excess solder and flux to prevent contamination.

Disposal Instructions

- Dispose of any unused solder and flux according to local regulations.
- Do not dispose of solder in regular household waste. Check with local waste management for proper disposal methods.

Contact Information for Further Support

For safety inquiries or additional information about the product, please refer to the manufacturer's contact details provided on the packaging.

Please ensure you follow these safety instructions to maintain a safe working environment while using Brownells HiForce 44 Solder. If you have any questions or concerns, consult the appropriate safety resources or contact the manufacturer directly.

About Us

Brownells UK

Brownells UK - World's Largest Supplier of Gun Parts, Gunsmith Tools & Shooting Accessories

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