

HI-FORCE 44™ SOLDER - HI-FORCE 44 SOLDER 1/4LB 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: [HI-FORCE 44 SOLDER 1/4LB WIRE](#)
- Manufacturer: [BROWNELLS](#)
- Product no.: 080649250
- Mfr. No.: NONE
- Container Size: 1/4 lb
- Weight: 1/4 lb.
- Delivery weight: 0.068kg
- Shipping height: 28mm
- Shipping width: 74mm
- Shipping length: 56mm
- UPC: 050806016873

Item details

Made in USA

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HIFORCE 44™ SOLDER Safety Instruction Guide

Introduction

Thank you for choosing HIFORCE 44™ SOLDER. This guide provides essential safety instructions and information to ensure the safe use of this product. HIFORCE 44 SOLDER is designed for various metal joining applications, and by following these guidelines, you can minimize risks and enhance your safety.

General Safety Guidelines

- Always read and understand the safety instructions before using the product.
- Ensure proper ventilation when using soldering materials to avoid inhaling fumes.
- Keep the product out of reach of children and pets.
- Use appropriate personal protective equipment (PPE), including gloves and safety goggles.
- Do not use the product for any purpose other than its intended use.
- In case of any adverse reaction, discontinue use immediately and seek medical attention.

Specific Safety Precautions for Use

• Hazard Identification:

- The solder contains silver and tin, which may cause skin irritation or allergic reactions in some individuals.
- Fumes generated during heating may be harmful if inhaled.

• Avoiding Hazards:

- Ensure that the working area is free of flammable materials.
- Do not touch the solder or the joint until it has cooled down to a safe temperature.
- Use a soldering iron with a proper temperature control to avoid overheating the solder.

• Age Specific Warnings:

- This product is not intended for use by children. Ensure adult supervision when used near minors.

Instructions for Installation and Usage

1. Preparation:

- Gather all necessary tools and materials, including the HIFORCE 44 SOLDER, #4 Comet Flux, a soldering iron, and safety gear.
- Ensure your workspace is clean, dry, and wellventilated.

2. Using the Solder:

- Heat the soldering iron to approximately 475° F (246° C).
- Apply #4 Comet Flux to the surfaces to be joined. This helps in preventing oxidation and improves the flow of solder.
- Feed HIFORCE 44 SOLDER into the joint while applying the heated soldering iron to melt it.
- Allow the solder to flow freely and fill the joint completely.
- Remove the heat and let the joint cool naturally. Do not quench with water as it may cause cracking.

3. PostUse:

- Clean any excess flux residue from the work area and tools after the solder has cooled.
- Store the solder in a dry place, away from direct sunlight and heat sources.

Disposal Instructions

- Dispose of any unused or expired solder in accordance with local regulations.
- Do not dispose of solder in regular household waste. Check for local hazardous waste disposal guidelines.
- Ensure that any leftover flux or soldering materials are also disposed of safely.

Contact Information for Further Support

For any questions or concerns regarding the product, please refer to the official contact points provided at the time of purchase or on the packaging.

By following these safety instructions, you can ensure a safe and effective experience while using HIFORCE 44 SOLDER. Always prioritize safety and consult professionals if you have any doubts about the usage of soldering materials. Thank you for your attention to these important guidelines.

About Us

Brownells Austria

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