

# 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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