

# CERROSAFE® CHAMBER CASTING ALLOY - BROWNELLS

## CERROSAFE CHAMBER CASTING ALLOY 1/2LB

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### Never Wears Out- Use Over And Over

There are various products on the market which can be used to make a cast of a gun chamber. To be certain that the product we are offering you is the best and most practical, we contacted the basic manufacturer. They recommended Cerrosafe because of its unique features. Unlike Woodsmetal which swells upon cooling and cannot be removed from a gun chamber, Cerrosafe shrinks during the first 30 minutes of cooling and then at the end of an hour, is EXACTLY chamber size. At the end of 200 hours it will have expanded approximately .0025". This factor is well known by all toolmakers and they will take it into consideration when making dies or reamers or gauges from your cast - if you will tell them the cast is of Cerrosafe. Cerrosafe melts between 158° - 190° F. It should be melted in a clean, iron ladle. Source of heat should be removed as soon as the alloy is completely melted, at which time it is ready to pour. The solidified casting should be removed from the chamber before, or when, it cools to room temperature. If allowed to remain in the mold over an hour, it will grip the chamber walls and be difficult to remove. Clean the chamber of the rifle thoroughly, then plug the bore immediately ahead of the throat with a small rag - but not so tightly it cannot be driven out. If possible, pour the molten Cerrosafe through a small tube into the bottom of the cast, gradually removing the tube as the chamber fills. If the barrel is cold, warm it to room temperature or above before making the cast. When cooled, remove from chamber, using a rod or dowel from the muzzle end of the gun.



### Attributes

- Name: [BROWNELLS CERROSAFE CHAMBER CASTING ALLOY 1/2LB](#)
- Manufacturer: [BROWNELLS](#)
- Product no.: 080027050
- Mfr. No.:
- Delivery weight: 0.181kg
- Shipping height: 13mm
- Shipping width: 38mm
- Shipping length: 137mm
- UPC: 050806011892

### Item details

Made in USA

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# CERROSAFE® CHAMBER CASTING ALLOY SAFETY INSTRUCTIONS

## Introduction

Thank you for choosing the CERROSAFE® Chamber Casting Alloy. This guide provides important safety instructions and usage guidelines to ensure a safe and effective experience when using this product. Please read this manual carefully before use.

## General Safety Guidelines

- Ensure the product is used only for its intended purpose.
- Keep the product out of reach of children and vulnerable individuals.
- Always wear appropriate personal protective equipment (PPE), such as gloves and safety goggles, when handling the alloy.
- Use in a wellventilated area to avoid inhalation of fumes.
- Be aware of the melting temperature range (158° 190° F) and handle the molten alloy with care to avoid burns.
- Report any unsafe conditions or accidents to the relevant authorities.

## Specific Safety Precautions for Use

- **Avoid Contact with Skin:** The molten alloy can cause severe burns. Always use tools to handle the alloy.
- **Proper Ventilation:** Ensure adequate ventilation in the workspace to prevent inhalation of any fumes.
- **Temperature Control:** Monitor the temperature closely while melting. Remove the heat source immediately once the alloy is fully melted.
- **Mold Preparation:** Clean the chamber thoroughly before use to prevent contamination and ensure a successful cast.
- **Avoid Prolonged Mold Contact:** Remove the solidified casting from the chamber before it cools to room temperature to prevent it from gripping the chamber walls.
- **Use of Rags:** When plugging the bore, ensure the rag is not too tightly packed to allow for easy removal.

## Instructions for Installation and Usage

### 1. Preparation:

- Clean the chamber of the rifle thoroughly.
- Plug the bore immediately ahead of the throat with a small rag, ensuring it is not too tight.
- If the barrel is cold, warm it to room temperature or above.

### 2. Melting the Alloy:

- Use a clean, iron ladle to melt the Cerrosafe.
- Heat the alloy until fully melted (between 158° 190° F).
- Remove the heat source once the alloy is completely melted.

### 3. Pouring the Alloy:

- If possible, pour the molten Cerrosafe through a small tube into the bottom of the cast.
- Gradually remove the tube as the chamber fills.

### 4. Cooling and Removal:

- Allow the Cerrosafe to cool for a maximum of 1 hour before trying to remove it from the chamber.
- Use a rod or dowel from the muzzle end of the gun to gently remove the casting.

#### **5. PostUse Cleaning:**

- Clean any residual alloy from the chamber and tools used.

## **Disposal Instructions**

- Dispose of any unused or waste Cerrosafe according to local regulations.
- Do not dispose of the alloy in regular trash. Check for local recycling or hazardous waste disposal guidelines.

## **Contact Information for Further Support**

For any inquiries regarding the safety and use of the CERROSAFE® Chamber Casting Alloy, please refer to the manufacturer's contact information, which can be found on the product packaging or official website.

By following these guidelines, you can ensure a safe and effective experience with the CERROSAFE® Chamber Casting Alloy. Thank you for your attention to safety.

# About Us

## Brownells UK

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