

CERROSAFE® CHAMBER CASTING ALLOY - BROWNELLS

CERROSAFE CHAMBER CASTING ALLOY 1LB

[Gunsmith Tools](#) > [Barrel Tools](#) > [Barrel Chamfering Accessories](#)

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 1LB](#)
- Manufacturer: [BROWNELLS](#)
- Product no.: 080027100
- Mfr. No.:
- Delivery weight: 0.454kg
- Shipping height: 8mm
- Shipping width: 76mm
- Shipping length: 226mm
- UPC: 050806011908

Item details

Made in USA

Table of Contents

- Startpage
- CERROSAFE® CHAMBER CASTING ALLOY SAFETY INSTRUCTIONS
- About Us

CERROSAFE® CHAMBER CASTING ALLOY SAFETY INSTRUCTIONS

Introduction

Thank you for choosing CERROSAFE® CHAMBER CASTING ALLOY by Brownells. This guide provides essential safety instructions to ensure the safe and effective use of this product. Please read this document carefully before using the product.

General Safety Guidelines

- Always follow the manufacturer's instructions for use.
- Ensure the working area is wellventilated to avoid inhalation of 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 if it appears damaged or if the packaging is compromised.
- Report any unsafe products or accidents to the relevant authorities.

Specific Safety Precautions for Use

- **Temperature Awareness:** Cerrosafe melts between 158° 190° F. Handle with care to avoid burns.
- **Avoid Overheating:** Do not exceed the recommended melting temperature to prevent hazardous fumes.
- **Mold Preparation:** Ensure the chamber is clean and dry before pouring Cerrosafe to avoid contamination.
- **Cooling Time:** Remove the solidified casting from the chamber before it cools to room temperature to prevent it from gripping the chamber walls.
- **Support:** Use a rod or dowel to remove the casting from the chamber to avoid damage to the firearm.

Instructions for Installation and Usage

1. Preparation:

- Clean the chamber of the firearm thoroughly.
- Plug the bore with a small rag, ensuring it is not too tightly packed to allow for easy removal.

2. Melting Cerrosafe:

- Use a clean, iron ladle to melt Cerrosafe.
- Remove the heat source once the alloy is completely melted.

3. Pouring:

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

4. Cooling:

- Allow the casting to cool for at least 30 minutes. It will shrink during this time, achieving an exact chamber size.
- After 200 hours, the casting will expand approximately 0.0025".

5. Removal:

- Once cooled, use a rod or dowel from the muzzle end of the firearm to gently remove the casting.
- If the casting has been in the chamber for over an hour, it may grip the chamber walls, making removal more difficult.

Disposal Instructions

- Dispose of any leftover Cerrosafe in accordance with local regulations.
- Do not pour leftover Cerrosafe down the drain or in the environment.
- Follow local guidelines for the disposal of hazardous materials.

Contact Information for Further Support

For any inquiries regarding safety or product use, please contact the manufacturer or your local distributor. Ensure you have the product information ready for assistance.

By following these instructions, you will help ensure the safe and effective use of CERROSAFE® CHAMBER CASTING ALLOY. Thank you for your attention to safety.

About Us

Brownells UK

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

Unit 1, Laughing Dog Industrial Estate
London Road
Rugby
Warwickshire
CV23 9LP

www.brownells.co.uk