

# COLOR CASE HARDENING KIT - PRAXAIR HI-TEMP GLOVES

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## Everything You Need To Produce Beautiful Color Case Hardening

At last, a convenient, easy-to-use process to help the gunsmith create beautiful, genuine color case hardening. Color case parts with their subtle shades of blue, gray and straw really give a gun a true custom look. For a modern firearm, color case hardening can create a unique, one-of-a-kind gun. Plus, renewed interest in the old west has brought many old and well used guns out of retirement that need to have faded color case hardening restored. Our detailed instructions take the mystery and witchcraft out of the process. You'll want to experiment with the ratio of wood charcoal to bone charcoal to get just the right mix of colors. We have assembled two, easy-to-set-up systems with all the essential items to immediately begin creating those wonderful case hardened colors found on many older guns. Our Standard Kit has the same, large capacity crucible charcoal and supplies, only without the furnace. We offer this kit for those who may already have their own heat source capable of heating the crucible to 1450° F. KIT INCLUDE EXTRA LARGE HEAT TREAT FURNACE - 3.6 cubic foot capacity to hold our large crucible. (Premier kit only.) COLOR CASE HARDENING CRUCIBLE - Large 11" x 4" cylinder is big enough to hold a rifle action. CRUCIBLE TONGS - The really correct way to safely handle the hot crucible. 30" long for handling ease and safety. HI-TEMP KEVLAR GLOVES - Gives your hands extra protection from high temperatures. FULL FACE SHIELD - Prevents hot water and ash or charcoal dust from splashing into your eyes, necessary when dumping crucible. WOOD CHARCOAL - 10 pounds, high carbon content, just the right sieve size for crucible packing. BONE CHARCOAL - 25 pounds, high carbon content, free of wax and fillers. DISPOSABLE FILTER MASKS - Keeps harmful charcoal dust out of your lungs. LONG SHOP APRON - Protects you, and your clothes, from splashes. INSTRUCTIONS - Full explanation of color case hardening.



(NOTE: Please call for freight charges.)

## Attributes

- Name: [PRAXAIR HI-TEMP GLOVES](#)
- Manufacturer: [PRAXAIR](#)
- Product no.: 494666160
- Mfr. No.: 1061430
- Size: Universal
- Delivery weight: 0.454kg
- Shipping height: 66mm
- Shipping width: 175mm
- Shipping length: 417mm

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# COLOR CASE HARDENING KIT PRAXAIR HITEMP GLOVES Safety Instruction Guide

## Introduction

Thank you for choosing the COLOR CASE HARDENING KIT PRAXAIR HITEMP GLOVES. This guide provides essential safety instructions to ensure the safe and effective use of the product. Please read this guide carefully before using the kit to familiarize yourself with the necessary precautions and procedures.

## General Safety Guidelines

To ensure your safety and the safety of others while using this product, please adhere to the following guidelines:

- Always read and follow the instructions provided with the kit.
- Ensure you are in a wellventilated area when using the kit to avoid inhalation of harmful fumes.
- Keep the kit and its components out of reach of children and vulnerable individuals.
- Use personal protective equipment (PPE) as recommended, including gloves and face shields.
- Regularly check the kit for any signs of damage or wear before use.
- In case of an emergency, such as burns or inhalation of fumes, seek medical attention immediately.

## Specific Safety Precautions for Use

When using the COLOR CASE HARDENING KIT, follow these specific safety precautions:

- **High Temperatures:** The kit involves high temperatures (up to 1450° F). Always use heatresistant gloves and a face shield when handling hot materials.
- **Handling the Crucible:** Use crucible tongs to handle the hot crucible safely. Never touch the crucible with bare hands.
- **Charcoal Dust:** Wear disposable filter masks to protect your lungs from harmful charcoal dust. Ensure the work area is clean and free of dust before starting.
- **Hot Ash and Water:** Be cautious when dumping the crucible to prevent splashes of hot water, ash, or charcoal dust into your eyes.
- **Proper Storage:** Store the kit in a dry place away from direct sunlight and moisture to prevent deterioration of components.

## Instructions for Installation and Usage

Follow these steps for the proper installation and usage of the COLOR CASE HARDENING KIT:

### 1. Preparation:

- Gather all components of the kit in a clean, dry workspace.
- Ensure you have a suitable heat source capable of reaching 1450° F.

### 2. Setting Up:

- If using the Premier kit, set up the extralarge heat treat furnace according to the manufacturer's instructions.
- If using the Standard Kit, ensure your heat source is stable and secure.

### 3. Mixing Charcoals:

- Experiment with the ratio of wood charcoal to bone charcoal to achieve the desired color mix.

- Use a proper container to mix the charcoals to avoid spills.

#### **4. Filling the Crucible:**

- Fill the COLOR CASE HARDENING CRUCIBLE with the mixed charcoal, ensuring it is packed tightly.
- Place the item to be hardened into the crucible, ensuring it is fully surrounded by charcoal.

#### **5. Heating:**

- Using the crucible tongs, carefully place the crucible into the heat source.
- Monitor the temperature closely to maintain the required heat level.

#### **6. Cooling:**

- Once the process is complete, use the tongs to remove the crucible from the heat source.
- Allow the crucible to cool completely before handling.

#### **7. Finishing:**

- After cooling, carefully remove the item from the crucible.
- Clean any remaining charcoal dust from the item before use.

## **Disposal Instructions**

Proper disposal of the COLOR CASE HARDENING KIT components is essential to minimize environmental impact:

- Dispose of used charcoal and any other waste materials in accordance with local regulations.
- Do not dispose of the kit components in regular household waste. Check with local waste management for proper disposal methods.
- Recycle packaging materials whenever possible.

## **Contact Information for Further Support**

For any questions or concerns regarding the COLOR CASE HARDENING KIT, please refer to the contact information provided in the product packaging or on the manufacturer's website.

## **Conclusion**

By following these safety instructions, you can ensure a safe and successful experience with the COLOR CASE HARDENING KIT PRAXAIR HITEMP GLOVES. Always prioritize safety and consult the guide whenever you have questions about the usage of the kit. Thank you for your attention to these important safety measures.

# About Us

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