

SURFACE HARDENING COMPOUND - BROWNELLS SURFACE HARDENING COMPOUND 1 POUND

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Produces A Super Hard Surface On Plain & Low Carbon Steels

Easy-to-use compound case hardens plain and low carbon alloy steels. Carburizes surfaces quickly to uniform depth while retaining the toughness of the core. Also protects delicate, highly finished work, and helps eliminate the need for remachining. Simply apply the hardening compound to your metal parts, heat to the required temperature, then quench in oil or water for a professional grade, heat-treatment. Helps keep the edge sharp on expensive drill bits, milling and grinding tools, punches, firing pins, hammer davits, trigger pins, sears, and cocking pieces. Water soluble for easy clean-up. Complete instructions included.



Attributes

- Name: [BROWNELLS SURFACE HARDENING COMPOUND 1 POUND](#)
- Manufacturer: [BROWNELLS](#)
- Product no.: 083000033
- Mfr. No.: NONE
- Delivery weight: 0.476kg
- Shipping height: 109mm
- Shipping width: 91mm
- Shipping length: 91mm
- UPC: 508061091000

Item details

Made in USA

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Safety Instruction Guide for Brownells Surface Hardening Compound

Introduction

Thank you for choosing Brownells Surface Hardening Compound. This product is designed to case harden plain and low carbon alloy steels effectively. It is essential to follow safety instructions to ensure safe usage and to maximize the benefits of this compound.

General Safety Guidelines

- Always read the product label and safety data sheet (SDS) before use.
- Ensure proper ventilation when using the compound to avoid inhalation of fumes.
- Keep out of reach of children and pets.
- Wear appropriate personal protective equipment (PPE), including gloves and safety goggles, when handling the compound.
- Do not use the compound near open flames or high heat sources.
- Store the product in a cool, dry place, away from direct sunlight and heat sources.
- Dispose of any unused product and packaging in accordance with local regulations.

Specific Safety Precautions for Use

- Avoid skin contact with the compound. If contact occurs, wash the affected area with soap and water.
- In case of eye contact, flush with plenty of water for at least 15 minutes and seek medical attention if irritation persists.
- Do not ingest the compound. If swallowed, seek medical attention immediately.
- Ensure that all tools and equipment used with the compound are clean and free from contaminants.
- Be aware of the temperature requirements for hardening. Overheating can lead to hazardous situations.

Instructions for Installation and Usage

1. Preparation:

- Ensure that the metal parts to be hardened are clean and free from rust, oil, and dirt.
- Gather all necessary tools and safety equipment.

2. Application:

- Apply the hardening compound evenly to the surface of the metal parts.
- Ensure a uniform coating for optimal results.

3. Heating:

- Heat the coated metal parts to the required temperature as specified in the instructions included with the product.
- Use a suitable heating method, such as a furnace or torch, ensuring that you maintain the correct temperature.

4. Quenching:

- Once the desired temperature is reached, quench the metal parts in oil or water.
- Ensure that the quenching medium is at the appropriate temperature for effective hardening.

5. PostProcessing:

- Allow the hardened parts to cool completely before handling.
- Clean any residual compound from the surface after the process is complete.

Disposal Instructions

- Dispose of any unused hardening compound according to local waste disposal regulations.
- Do not pour the compound down the drain or throw it in the regular trash.
- Ensure that all packaging is disposed of in a manner that complies with local recycling guidelines.

Contact Information for Further Support

For any safety inquiries or further information regarding the use of Brownells Surface Hardening Compound, please refer to the manufacturer's contact details provided on the product packaging or the official website.

Conclusion

By following these safety instructions, you can ensure the safe and effective use of Brownells Surface Hardening Compound. Always prioritize safety and consult the relevant authorities if you encounter any unsafe conditions or incidents. Thank you for your attention to these guidelines.

About Us

Brownells UK

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

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