



## TECHNICAL INFORMATION SHEET

### CHERRY RED HARDENING COMPOUND

#### AREA OF APPLICATION

Cherry Red is a fast acting hardening powder, which when applied to steels will develop a case hardening surface. Cherry Red is used on parts such as knives, punches, drills, chisels, cutting edges, and small tools.

#### HOW TO USE CHERRY RED:

- Thoroughly heat part until its cherry red in color. Be sure the part (or section of the part to be hardened) is completely heated for best results.
- Coat part in Cherry Red compound. Cover all surfaces to be hardened. Compound will blister and harden. Reheat part to cherry red color. .
- Quench in water, oil, or let cool and brush off excess compound. Cherry Red is water soluble and excess can be removed with water and a little brushing.
- Repeat steps one through three as needed to raise the Rockwell value.

#### TEST RESULTS USING CHERRY RED ON MILD STEEL:

Mild steel before applying Cherry Red 17 HRC  
Mild steel after applying Cherry Red 39 HRC

#### SAFETY INFORMATION:


**WARNING: PROTECT yourself and others. Read and understand this information.**  
**FUMES AND GASES** can be hazardous to your health.  
**HEAT RAYS**, (infrared radiation) from flame or hot metal can injure eyes.

- Before use, read and understand the manufacturer's instructions, Safety Data Sheets (SDS), and your employer's safety practices.
- Keep your head out of fumes.
- Use enough ventilation, exhaust at the flame, or heat source, to keep fumes and gases from your breathing zone and the general area.
- Wear correct eye, ear, and body protection.
- See American National Standard Z49.1, *Safety in Welding, Cutting, and Allied Processes*, published by the American Welding Society, 8669 Doral Blvd., Doral, Florida 33166; OSHA Safety and Health Standards, available from the U.S. Government Office, Washington, DC 20402.

#### STATEMENT OF LIABILITY- DISCLAIMER

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