



www.komfg.com

**KO MANUFACTURING INC.**

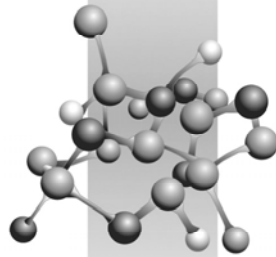
## IRON KOTE™

PRODUCT NUMBER 120



### RESEARCH

Through R&D and field testing, KO Chemists combine creativity with technology to bring you products with the performance you require. Using our sophisticated KO lab we continually test new products, existing products, and our manufacturing processes for effectiveness and affordability. When a new product meets our requirements, it goes to a select group of end-users for real-world evaluation. Only after testing, evaluating, and re-testing is a KO product ready for distribution. We invite you to come and be a part of a winning solution.



### PRODUCT DESCRIPTION:

Iron Kote is a clear liquid which produces a crystalline iron phosphate coating on steel, cast-iron, and zinc coated alloys by spray or immersion methods. It provides the excellent corrosion protection and exceptional paint adhesion to that of untreated metal. Iron Kote is designed specifically for the industrial user who wishes to save time by using a one-step cleaner/phosphatizer.

### INSTRUCTIONS:

The first step in metal preparation should be the attainment of a clean metal surface from grease, oil, and rust. Pickling of the metal may be required before the phosphatizing process (See KO #116 Rust Remover).  
Spray Coat Phosphatizing: Apply at high pressure a 5% solution of Iron Kote directly to metal surface for 1 to 2 minutes at temperatures above 120 F. Rinse with a solution of 1 part Iron Kote with 80 parts water for 20 to 30 seconds at ambient temperature.

Soak Phosphatizing: Mix 1 part Iron Kote with 19 parts water. Soak metal for 5 to 10 minutes (varies with type of metal) at temperatures above 120 F. Longer soak times will give a thicker coating. Rinse with a solution of 1 part Iron Kote with 80 parts water for 20 to 30 seconds at ambient temperature.

**Attention:** Refer to our Material Safety Data Sheet regarding hazards, personal protection, and disposal of this product.

Techsheat Modified on 10/27/2004

### CUSTOMER BENEFITS:

- Easy to use.
- Provides excellent corrosion resistance.
- Increases surface adhesion for paint.
- Cost effective.
- Does not leave interfering films.

© 2002 KO Manufacturing, Inc. All Rights reserved

**KO MANUFACTURING INC.**  
2720 E. Division • Springfield, MO 65803

**(417) 866-8000**  
**(800) 777-7627**