



PRODUCT PROFILE

METAL TREATMENT

METAL SEAL™

FORMULA 285

Corrosion Prevention Sealant



DESCRIPTION

Metal Seal™ is a liquid sealant which provides an inhibitive seal on phosphated surfaces, increasing corrosion resistance without reducing paint adhesion. Ideal for pretreatment of surfaces before painting, Metal Seal™ removes residual soil and phosphate sludge from surfaces as well as providing an extra layer of corrosion protection. It is easy to use and effective on iron, zinc, and manganese phosphated surfaces.

AT A GLANCE

- > *Provides Excellent Corrosion Resistance*
- > *Does not reduce Paint Adhesion*
- > *Biodegradable*



APPLICATIONS

Machine Shops
Manufacturing Plants
Remanufacturing Plants

Powder Paint Facilities
Liquid Paint Facilities

SPECIFICATIONS

Physical Form: Liquid

pH (1% dilution): 10.0 - 11.0

Recommended Dilution: 25-50:1 - See Label

DOT Class: None

Color: Clear

Fragrance: None

PRODUCT AVAILABILITY

Available Sizes	Container Type	Weight per Container	QTY per pallet	Ships UPS	Additional Hazard Fee
5 Gallon	Round Pail	50 lbs.	20	Yes	No
55 Gallon	Poly Drum	550 lbs.	4	No	N/A



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Sample Label

METAL TREATMENT

SAMPLE LABEL

KO

METAL SEAL™

CORROSION PREVENTION

FORMULA 285

NET CONTENT 5 Gal (19 Liters) | 55 Gal (209 Liters)

DIRECTIONS:
Ferrous Metals: Mix 2 1/2 to 5 gallons of 285 with 55 gallons of water. Metal may be either rinsed with this solution or dipped into a tank of this solution and allowed to dry.

INGREDIENTS:
Sodium Nitrite and Complexing Agents

WARNING:
Caution!! Irritant!! May cause severe eye irritation upon direct eye contact. Prolonged or repeated skin contact may cause reddening and irritation. Inhalation of mist may irritate nose, throat and mucous membranes. Ingestion can irritate or burn mouth, throat and stomach. Wear proper protective clothing when handling.

FIRST AID:
Eyes: Flush with water for 15 minutes and get medical attention if irritation persists. Skin: Flush thoroughly with water. Inhalation: Remove patient to fresh air. Ingestion: Dilute by drinking 2 large glasses of water. Consult a physician immediately.

ATTENTION: Refer to our MSDS regarding Handling and disposal of this product.

EMERGENCY: Call Chemtrec day or night for assistance concerning spilled material, fire, explosion, or other accidents. 1-800-424-9300

MANUFACTURER'S WARRANTY: KO Manufacturing, Inc. warrants its products to its label description. KO Manufacturing, Inc. MAKES NO WARRANTY, EXPRESS OR IMPLIED, MERCHANTABILITY OR ANY OTHER WARRANTY OF THIS PRODUCT, IN NO CASE SHALL KO MANUFACTURING, INC. BE LIABLE FOR CONSEQUENTIAL DAMAGES OR DIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. Manufacturer and Seller liability shall be limited to return of the purchase price.

The above may be affected by state or local government restrictions or laws. Some states do not allow any limitations upon implied warranties of fitness and merchantability for certain products.

KO MANUFACTURING, INC.
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04/07/05

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

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.