



## VpCI™ EMITTING SYSTEMS & ELECTRONIC PRODUCTS

# Corrosorber™



### PRODUCT DESCRIPTION

Corrosorber™ adsorbs hydrogen sulfide and other corrosive gasses, while VpCI™s (Vapor phase Corrosion Inhibitors) condense on the metal surfaces. Corrosorber™ will not interfere with VpCI™ protection, but instead it will help adsorb the gases that cause corrosion.

Metals are readily attacked by gases such as hydrogen sulfide, volatile mercaptans, etc. Severe damage or failures occur due to the presence of these corrosive species. Corrosorber™ adsorbs hydrogen sulfide and volatile mercaptans, removing them from the atmosphere and eliminating the cause of some damage to metals.

The chemicals contained in Corrosorber™ have been especially treated to change color from off-white to black as corrosive gases are trapped.

In addition, unlike most of the products on the market, Corrosorber™ will not release the corrosive gases back into the atmosphere. The reaction is irreversible, eliminating any concern about post contamination.

Corrosorber™ is non-toxic and has no effect on the environment. It can be handled without safety equipment.

### FEATURES

- Scavenges corrosive gases
- Non-toxic, safe to handle
- Changes color as it is used up
- Irreversible reaction, no post-contamination
- Economical to use
- Very convenient to use
- Does not interfere with electrical, optical or mechanical surface performance
- Quick and easy installation
- Protects during operation and shutdown
- Compact, space-saving, unobtrusive device

### TYPICAL APPLICATIONS

- Petrochemical plants
- Water treatment plants
- Plants handling sulfurous crude oil
- Natural gas handling
- Pulp and paper plants
- Animal agriculture facilities
- Operating, packaged and stored electrical equipment
- Marine navigation and communication equipment
- Aerospace electrical controls
- Electric motors, switching equipment
- Fuse boxes, power boxes
- Medical equipment
- Electrical wireways, terminal boxes
- Scientific and measuring instruments
- Telecommunications equipment
- Remote electronics devices

### METHOD OF APPLICATION

Install the Corrosorber™ at the earliest possible time, possibly even before shipping or receiving. Simply select a space within any enclosed device where corrosion protection would be useful, and attach with adhesive backing. Replace cup as soon as the container appears gray.



## PACKAGING AND STORAGE

Corrosorb<sup>TM</sup> are packaged in cellophane and are shipped 10 cups per carton. Store in a cool dry place in its original package. Keep containers tightly closed.

## PROPERTIES

Standard Size Plastic device with breathable membrane  
2.3" diameter x 1.27" height  
(5.8 cm x 3.2 cm)

Packaging 10 individually wrapped devices per carton

Storage Temperature 32°-95°F (0°-35°C)

In-use Temperature 32°-140°F (0°-60°C)

## SERVICE LIFE

Up to two years under typical conditions or until color changes from off-white to black.

Typical conditions 10 ft<sup>3</sup> (283.2 L) enclosure  
1 ppm of hydrogen sulfide  
1 air change on a daily basis

## FOR INDUSTRIAL USE ONLY

KEEP OUT OF REACH OF CHILDREN

KEEP CONTAINER TIGHTLY CLOSED

NOT FOR INTERNAL CONSUMPTION

CONSULT MATERIAL SAFETY DATA SHEET FOR MORE INFORMATION

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printed on recycled paper  10% post consumer

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