**Hoffman corrosion inhibitors protect**

- Interior components of electrical enclosures, boxes, consoles and wireways
- Interior components of electronic enclosures
- Electrical and electronic equipment and controls
- Parts and components that are packaged in crates during shipping and storage
- Switch gear and relay cabinets
- Interiors of pipes, conduits and fuse boxes
- Process control computers, instruments and recording devices
- Tool chest interiors and contents
- Equipment stored at construction sites

**Chief Advantages**

- Protects against salt and high humidity
- Eliminates the need of oiling, plating or dipping metal
- Puts protected equipment to use immediately without degreasing or coating removal

**How They Work**

Each inhibitor contains a special chemical combination that vaporizes and condenses on all surfaces in an enclosed area. Vapors will redeposit as needed in the event of condensation or coating removal. The AHCI5E and AHCI10E emitters have additional red-metal inhibitors for further protection. Enclosures containing corrosion inhibitors must be reasonably sealed.

**Life Expectancy and Usage**

The normal useful life-span of Hoffman corrosion inhibitors is in excess of one year. However, inhibitor life expectancy is shortened by approximately 25 percent when exposed to temperatures above 104 °F (40 °C). This product is not recommended for use where temperature exceeds 199 °F. Since Hoffman corrosion inhibitors are vapor-phase protective, all surfaces to be protected should be accessible to the vapors. The maximum distance the vapors can travel is approximately 1.50 ft. (.46 m). Protection of long, narrow enclosures can be achieved with tape or multiple inhibitors.

**Storage and Handling**

Each Hoffman corrosion inhibitor is individually packaged in a resealable bag for maximum effectiveness at the time of usage. Corrosion inhibitors should be stored at temperatures not exceeding 120 °F (45 °C). Hoffman corrosion inhibitors are not returnable.

When determining the proper corrosion inhibitor for your application, assume the enclosure volume to be protected is greater than calculated if (1) cabinet doors are opened frequently, (2) cabinet is located in an extremely corrosive area and/or (3) cabinet length divided by depth is greater than four.

**AHCI1DV**

Foam device protects one cubic foot (28 liters) of enclosure volume for approximately one year.

*Size*: .25 in. x 1.25 in. x 3.00 in. (6 x 32 x 76 mm)

**AHCI5E**

Emitter protects 5 ft.³ (142 liters) of enclosure volume for approximately two years from the date of manufacture. Emitters contain additional red metal (non-ferrous) inhibitors.

*Size*: 2.31 in. (diameter) x 0.81 in. (high) (59 mm x 21 mm)

**AHCI10E**

Emitter protects 10 ft.³ (283 liters) of enclosure volume for approximately two years from the date of manufacture. Emitters contain additional red metal (non-ferrous) inhibitors.

*Size*: 2.31 in. (diameter) x 1.38 in. (high) (59 mm x 35 mm)

**AHCI60R**

Tape protects 60 ft.³ of enclosure volume per roll. Use approximately 2.50 in. (63 mm) of tape per cubic foot (28 liters) of enclosure volume to be protected. Each roll of tape is packaged individually in a resealable bag.

*Size*: .25 in. x .75 in. x 12.00 ft. (.6 mm x 19 mm x 3.6 m)

**AHCI240R**

Tape protects 240 ft.³ of enclosure volume per roll. Use approximately 1.00 in. (25 mm) of tape per cubic foot (28 liters) of enclosure volume to be protected. Each roll of tape is packaged individually in a resealable bag.

*Size*: .25 in. x 2.00 in. x 20.00 ft. (.6 mm x 51 mm x 6.1 m)

**AHCI238S**

Spray is a non-conductive, nonflammable, vapor-phase film and is non-toxic. It has essentially neutral pH value. Application provides instant protection against corrosion. Spray is water soluble and can be easily flushed away with water if desired. This product should be kept from freezing and has a shelf life of 2+ years in normal warehouse conditions.

**BULLETIN: A80**
EPOXY PATCH KIT

Applications include sealing rivets, bolts, metal joints, seams and welds, cement cracks, pipe couplings, joints and tees. Each kit has two tubes of material, application instructions and a mixing stick. When the resin and hardener are mixed, a gray epoxy is formed which cures at room temperature, has high adhesion and will not sag. It is resistant to oils, acids and chemicals.

BULLETIN: A80

TOUCH-UP PAINT

Hoffman touch-up paint is used to repair the finish of enclosures and panels. Furnished in 12-oz. spray cans.

BULLETIN: A80, DACCY, P20

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<thead>
<tr>
<th>Catalog Number</th>
<th>Color</th>
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<tbody>
<tr>
<td>ATPWE</td>
<td>Hoffman #60 White</td>
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<td>RAL 9003 Signal White</td>
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<td>ATPPW</td>
<td>RAL 9016 Traffic White (5094)</td>
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<td>ATPPG</td>
<td>RAL 9013 Pure White</td>
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<td>ATFRBS</td>
<td>FJ3XMY8/736 SW Cream</td>
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<td>ATPC</td>
<td>RAL 9001 Cream</td>
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<td>ATPGW</td>
<td>RAL 1013 Oyster White</td>
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<td>ATPGW</td>
<td>RAL 9002 Gray White (9148)</td>
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TOUCH-UP PAINT PENS

Hoffman touch-up paint pens are used to repair the finish of enclosures and panels. Furnished in .33-oz. pens.

BULLETIN: A80

<table>
<thead>
<tr>
<th>Catalog Number</th>
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<td>ATPCG7035LP</td>
<td>RAL 7035 Light Gray</td>
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<td>ATPWG60HGP</td>
<td>Hoffman #60 White</td>
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<tr>
<td>ATPWG280LP</td>
<td>ANSI 61 Gray</td>
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