

# Action HVAC-R Aerosol

## Product Data Sheet

Version 2.0 Date Updated: 31/03/2021



Product Name	Action HVAC-R Aerosol
Container	350g Aerosol Can
Base	Solvent / Urethane
Description	<p>An all-in-one superior performing, quick curing, protective coating that dries hard and clear to protect the entire air conditioning unit (Coils, fins, cabinet and P.C. board) from corrosion. The non-conductive coating insulates PC Boards from shorting out due to gecko and vermin infestations. Action HVAC-R extends the working life of components of the unit.</p>
Features	<ul style="list-style-type: none"><li>- Insulates P.C. boards, protecting them from moisture, vermin and corrosion.</li><li>- Non-conductive with minimal affect efficiency or heat transfer.</li><li>- UV, heat and cold resistant which reduces yellowing and cracking.</li><li>- Extends the serviceability of the unit components.</li><li>- Contains salt inhibitors, repels water and has great chemical resistance.</li><li>- Reduces mould developing on the components.</li><li>- Touch dry in 15 minutes- stopping impurities in the atmosphere sticking to the unit.</li><li>- No odour once dry.</li><li>- Top coat- compatible with most paints.</li></ul>
Colour	Clear
Gloss	Gloss Finish
Dry Film Thickness	Please refer to Action HVAC-R Specification Sheet.
Theoretical Coverage Rate	Each aerosol will coat approximately 1.5-2 square metres on an air conditioning unit or 5 square metres on a flat surface.
PWMIR Level	1.697 (Approx.)
Limitations	For a coastal location the coating must be touched up after 12 months and reapplied after 2 years for full continued protection.
Surface Preparation	<p>All surfaces must be cleaned of any dirt, grease, and previous coating. All surfaces must then be washed with detergent, rinsed with water before applying the product. The surface must also be completely dry prior to coating.</p>

### Application Process

Allow 30 minutes between coats to dry.

Ensure the temperature is above 10 degrees Celsius and the humidity is below 85% when applying.

**WARNING:** DO NOT turn unit on for 1 hour after last treatment.

#### Coils

Spray 3 heavy coats of the product to achieve a coating of 55 microns where the coils are exposed at the face plate.

#### Fins

Spray 2 coats of the product to achieve a coating of 25 microns. With each spray, aim with a different angle to maximise coverage of this area.

#### Cabinet

Apply 4 heavy coats to achieve a coating of 55 microns. Ensure even coverage with each coat. Ensure sharp edges and screws are coated heavily. Reapply coating on screws if they have been removed and replaced.

#### P.C. Board

Never use on energised equipment. Apply 4 heavy coats, achieving a coating of 55 microns for corrosion and vermin protection. With each application, ensure the can is sprayed in an even sweeping motion at a 45 degree angle. Please note sharp solders on the board may require liquid application to achieve a film build. Coating of a sharp solder is limited with the aerosol version of this product. P.C Boards with dip switches must have the dip switches and plug-ins covered with tape before application.

#### Extreme Metal Loss

Apply 4 heavy coats to the surface with extreme metal loss, focusing on the sharp edges. The coating will reduce further damage and metal loss.

Once finished, turn the can upside down and spray to clear nozzle.

### Curing Schedule

Touch dry in 15 minutes.

Ready for the next coat in 30 minutes.

Completely cured in: 7 to 14 days to full hardness.

Unit can be turned on after 1 hour from last treatment.

### Clean up

Action HVAC-R can be removed and overspray cleaned up with general purpose thinners or acetone.

### Maintenance

When used externally, Action HVAC-R requires regular rinsing down with fresh water. The use of a scourer or cleaning products may damage this product. Touch up after 12 months, reapply after 24 months. For more details please see the Action HVAC-R Warranty & Maintenance Schedule.

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Safety	Please see MSDS and read label warnings before using this product. Follow MSDS instructions if there is a danger to safety. Employ normal workmanlike safety precautions. Always wear personal protective equipment including a NIOSH respirator that meets Australian standards, protective eyewear, gloves and overalls. Always use product in a well ventilated area. For medical advice, contact the poisons information center on 13 11 26.
Packaging, Handling & Storage	This product is under pressure. Store away from heat and out of the sun.
Caution	This product contains flammable solvents. Keep away from sparks and open flames.
Shelf Life	24 months at 23 degrees Celsius. Actual stated shelf life when kept at recommended storage conditions and in original unopened containers.
Storage Temperature & Humidity	Ensure product is stored in the following conditions: 4-38 Degrees Celsius 0-95% Relative Humidity
Disposal	Do not puncture or incinerate can even when empty. Dispose of can in accordance with local applicable regulations.
Warranty	We assume no responsibility for coverage, performance, injuries or damages resulting from use. Action Corrosion's sole obligation, if any, is to replace or refund the purchase price of the Action Corrosion product(s) proven to be defective, at Action Corrosion's option. Action Corrosion shall not be liable for any loss or damage. No other warranty or guarantee of any kind is made by Action Corrosion, express or implied, statutory, by operation of law, or otherwise, including merchantability and fitness for a particular purpose. All trademarks referenced above are the property of Action Corrosion Pty Ltd unless otherwise indicated.
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