



## HIGH PERFORMANCE VpCI PACKAGING

# VCI-350 AHS

### PRODUCT DESCRIPTION

VCI-350 AHS is a formulated VCI product that performs as a multimetal Vapor Corrosion Inhibitor coating for the paper, folding box and corrugated box industry. This new product produces a thin, non-penetrating coating for paper, chipboard and cardboard that has exceptional shelf life without any corrosion problems that have been associated with this type of packaging in the past.

Many new paper and corrugated board constructions are produced with VCI-350 AHS and are useful to many companies that rely on heavy oils, greases and/or additional paper wrappings to provide corrosion protection in a package. This new coating provides multimetal protection to ferrous and non-ferrous metals, including steel, galvanized, copper, brass, silver and solder.

### FEATURES

- Nitrite-free
- Non-hazardous
- Recyclable

### APPLICATION

VCI-350 AHS is available as a two-part mixture. The solutions are mixed at a 1:1 ratio and should be applied directly to the surface of paper or liner with gravure, flexo, air knife, reverse roll or Michaelmans coaters. Drying of the coating is usually accomplished in a warm air oven or with IR bulbs.

Note: The unused coating solution should be discarded after 30 days.

Coating weights of 2-3 lb/ream (3.27-4.9 g/m<sup>2</sup>) are suggested to achieve the maximum shelf-life or when additional production procedures such as lamination, etc., are required. In cases where a highly reactive metal is packaged or long-term protection for use in warm, humid climates is needed, a heavier coating weight is recommended.

### TYPICAL PROPERTIES

Appearance	Slightly hazy pale yellow liquid
Non-volatile content	27-32%
Density	8.8-8.9 lb/gal (1.05-1.07 kg/l)
pH	8.5-9.5 (Neat)
Odor	Slight

### PACKAGING

VCI-350 AHS is available in 5 gallon (19 liter) plastic pails, 55 gallon (208 liter) metal drums, totes and bulk.



**CORTEC**  
CORPORATION

Environmentally Safe VCI/MCI® Technologies

**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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