

# RUST PREVENTION

## CORROSION MANAGEMENT SOLUTIONS



### WHY ARMOR?

*Armor Protective Packaging® provides the industry's cleanest, easiest, safest and most effective corrosion management systems for metal products to a global customer base. ARMOR's full line of vapor corrosion inhibitor (VCI) packaging products, desiccants and our rust removal and prevention liquids are designed to protect metals before, during and after transport or storage. ARMOR's industry reputation as a trusted business partner has been built by serving our customers and preserving their investments for more than a quarter-century.*



## ARMOR SHIELD®

### MPI Chipboard

### FEATURES AND BENEFITS

**ARMOR SHIELD® MPI Chipboard** is chipboard impregnated with ARMOR's vapor corrosion inhibiting formulation. Our **SHIELD®** products line is a comprehensive collection of innovative and practical methods for delivering corrosion protection to your parts. All **SHIELD®** products can be customized to meet even the most demanding specifications.

The **ARMOR SHIELD® MPI Chipboard** in 1"x1" chip form is ideal for small parts packaging. Just drop a chip or two into a small poly bag and seal for storage or shipment.

**ARMOR SHIELD® MPI Chipboard** is also great for interleaving between layers in a container. Since the chipboard is impregnated on BOTH sides, it saves time and money compared to traditional wrapping methods or other RPs.



### APPLICATIONS

**ARMOR SHIELD® MPI Chips** are ideal for: small parts sealed in small plastic bags and/or the protection of small parts that vary where pre-printed VCI bags are not an option. (1"x1" chip covers approximately 40-60 cubic inches of space) **ARMOR SHIELD® MPI Chipboard** is an excellent interleaver and is available in sizes 36"x36" and under. Additionally, **ARMOR SHIELD® Chipboard** is available in both VCI and MPI formulations for most metal types.

This product conforms to corrosion prevention requirements as specified in MIL-PRF-3420G and JIS Z 1535 Class 2.

**FDA approval CTS 2010-5972  
RoHS Compliant**

# TECHNICAL DATA

## ARMOR PROTECTIVE PACKAGING CORROSION MANAGEMENT SOLUTIONS

### ARMOR SHIELD® MPI Chipboard

#### Product Overview

A 30 point fiberboard impregnated with ARMOR vapor and contact corrosion inhibitors for ferrous and non-ferrous metals. Designed for the long-term storage or shipping of ferrous and non-ferrous metals.

#### SPECIFICATIONS

MINIMUM ACTIVE CHEMICAL WEIGHT:	1 grams per square foot (1/2 grams each side)
Caliper:	30-point fiberboard
Moisture %:	5.0 to 5.5 % (+-) 1%
pH:	6.5 to 7.5

#### Recommended Applications

Ferrous and non-ferrous metals including steel, iron, copper, brass, galvanized, aluminum and zinc.

*Cadmium, nickel and their alloys should be evaluated in controlled testing conditions or in the usual method of handling as there are many variations of these metals. Not recommended for silver..*

Armor Protective Packaging® recommends testing your product's compatibility with our ARMOR WRAP® in vapor phase and as a contact inhibitor..

#### Proper Storage

Material should be kept in original wrapping or the equivalent during storage of partial rolls or sheets (overnight, weekends, and holidays).

Classified as a thirty-six month minimum inhibitor protection when properly protected inside dry storage areas.

**CAUTION: Always wash hands thoroughly after handling this product and before eating.**

All products manufactured Armor Protective Packaging® are warranted to be first class products and free from defects in material and workmanship. Liability under this warranty is limited to the net purchase price of any of such products proven defective or at our option to the repair or replacement of said products upon their return to us transportation prepaid. All claims on defective products must be made in writing 30 days after the receipt of such products in your plant and prior to further processing or combining with other materials and products. We make no warranty, express or implied, as to the suitability of any of our product for any particular use, and we shall not be subject to liability from any damages resulting from their use in operations not under our direct control. This warranty is exclusive of all other warranties, express or implied, and no representative of ours or any other person is authorized to assume for us any other liability in connection with the sale of our products. Revised 11/13/14