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HIGH PERFORMANCE VpCI® PACKAGING

CorShield® 352 Coating for Paper and Corrugated powered by Nano VpCI®



PRODUCT DESCRIPTION

CorShield® 352 is a multimetal Vapor phase Corrosion Inhibiting (VpCI®) coating designed for flexible packaging and corrugated board applications. Common applications for coated substrates include interleaving and individual parts wrapping. When metal articles are enclosed within, the VpCI® coating on the substrate vaporizes, reaching all metal surfaces to provide complete corrosion protection. The unique inhibiting action of Cortec® VpCI® forms a very thin and effective protective layer that does not alter the appearance or performance of products or require removal before further finishing or use. Parts protected with VpCI® can be painted, welded, or soldered upon removal from the package.

FEATURES

- No heavy metals, halogens, or solvents
- Nitrite-free
- Provides multimetal protection
- Coated papers are repulpable
- Non-tacky
- Hot melt or cold-set glueable

METALS PROTECTED

- Carbon Steel
- Stainless Steel
- Galvanized Steel
- Cast Iron
- Aluminum and Alloys
- Copper and Alloys
- Silver

METHOD OF APPLICATION

CorShield® 352 should be applied directly to the paper or board with traditional paper coating applicators such as rod, blade, or spray. Drying can be accomplished by passing the coated substrate through a warm air oven or with IR bulbs. Dry coating weights of 3 – 5 lbs/3000 sq. ft. ream (4.9 – 8.2 gsm) are recommended. In applications where long term protection is required or a highly reactive metal will be packaged, heavier coat weights are suggested.

This product is also available in a super concentrated version, CorShield® 352 SC. This can be applied as is or diluted with water to the desired non-volatile content.

TYPICAL PROPERTIES

	CorShield® 352	CorShield® 352 SC
Appearance	Slightly hazy pale yellow liquid	Slightly hazy pale yellow liquid
Non-volatile content	22-28%	39-42%
Density	8.6-8.7 lb/gal (1.03-1.04 kg/l)	8.7-8.8 lb/gal (1.04-1.05 kg/l)
pH	7.4-7.8 (Neat)	7.5-8.0 (Neat)
Odor	Slight	Slight

PACKAGING

CorShield® 352 and CorShield® 352 SC are available in 5 gallon (19 liter) plastic pails, 55 gallon (208 liter) metal drums, totes, and bulk.

**FOR INDUSTRIAL USE ONLY
KEEP OUT OF REACH OF CHILDREN
KEEP CONTAINER TIGHTLY CLOSED
NOT FOR INTERNAL CONSUMPTION**

LIMITED WARRANTY

All statements, technical information and recommendations contained herein are based on tests Cortec® Corporation believes to be reliable, but the accuracy or completeness thereof is not guaranteed.

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Distributed by:

4119 White Bear Parkway, St. Paul, MN 55110 USA
Phone (651) 429-1100, Fax (651) 429-1122
Toll Free (800) 4-CORTEC, E-mail info@cortecvci.com
<http://www.cortecvci.com>

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