



**ECO FRIENDLY  
SUSTAINABLE  
BIODEGRADABLE**



**VBCI Series**- A class of environmentally friendly corrosion inhibitors for a cleaner, greener, better tomorrow.

# Vapro VBCI 830 VCI Mineral Stone Paper

*The greener alternative for anti-corrosion packaging*

**Award Winning Product For Eco-Packaging**

## Solving Corrosion Problems with the Environment in Mind

### Description

Comprising mainly of calcium carbonate, silica powder, and proprietary Vapro VCI corrosion inhibitors, Vapro 830 VBCI Mineral Stone Paper protects both ferrous and non-ferrous metals against corrosion. Unlike pulp-based VCI paper, Vapro 830 VBCI Mineral Stone Paper is UV resistant and anti-static, effectively inhibiting the onset of corrosion.

Vapro VBCI 830 eliminates package contamination found in conventional VCI/VPI papers by doing away with complex application systems in favour of a simple, two-step process:

- (1) Wrap metallic parts in the paper, folding edges together; and
- (2) Use adhesive tape as needed to hold paper folds in place.

Vapro VBCI 830 VCI Mineral Stone Paper is designed to protect the entire metallic surface via the polarization of VCI molecular ions, even reaching deep crevices of the metal without altering the product's appearance.

The unique inhibiting action of Vapro VCI forms a thin, protective layer that does not require removal before further finishing or use.

The protective layer does not influence physical properties of most sensitive electrical components, including conductivity and resistance. This allows for normal usage of metallic parts including painting, welding, and soldering.



NATO STOCK NUMBER: PENDING



**SAVE A TREE, GO PAPER-FREE**

**Worldwide Patent W020173201**



**Vapro VBCI 830 VCI Mineral Stone Paper Roll**

**Passed German VIA  
(Vapour Inhibition Ability) Test TL 8135-002**



**Winner of WorldStar Packaging Award 2017  
for Packaging Excellence  
World Packaging Organisation**

**Winner of AsiaStar Award 2016  
Asia Packaging Federation (APF)  
Eco-Packaging**

**Winner of the Promising SME 500 2016 Top  
10 Special Achievement Award-Outstanding  
Eco-Green Award**

**Winner of the Singapore Star Packaging Award  
in the Environmental Sustainable Category**

## Features & Benefits

- Environmentally friendly
- Non-pulp based product
- Eliminates the use of trees
- Multi-metal protection
- UV-resistant
- Excellent water-resistant
- Reusable and recyclable
- Essentially non-toxic
- Does not contain nitrites, phosphates, silicones, chromates, or other heavy metals
- Conforms to military specifications MIL-P-3420E
- Protective layer does not need to be removed prior to further surface finishing or coating applications
- Protects dry or oiled metals during storage, transit, and overseas shipment
- Combines corrosion protection and packaging into one
- Viable alternative to conventional pulp-based VCI paper
- Allows normal usage of protected metallic parts including painting and welding

## Available Packaging

1 roll per carton box

30 rolls per pallet

## Applications

- To protect against corrosion of parts, components and completed assemblies during shipping and storage.
- Tools, spare parts and components.
- Motors and mechanical controls.
- Electrical equipment and controls.
- Long tubular products and pipe.

## Specifications

### Colour

Tinted blue

### Size

(W) 64cm x (L) 112.5meters x 110 microns

### GSM

180

### Break Extension

3.17mm

(1.5 times better than conventional Kraft paper)

### Approx Weight per roll

14kg



## Magna

### Magna International Pte Ltd

10H, Enterprise Road,  
Singapore 629834.

**Tel** (65) 6786-2616

**Fax** (65) 6785-1497

**Email** info@magnachem.com.sg

info@vapprovci.com

**Web** <http://www.vapprovci.com>

### Headquarters



Singapore

### Regional Offices



Australia



Canada

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