

# VAPPRO<sup>®</sup>

VAPOUR CORROSION INHIBITOR

## Your Corrosion Solution

## PRODUCT INFORMATION

### VAPPRO 1000

#### VCI POWDER

**Function:**  
Vapour Corrosion Inhibitor (VCI)

**Application:**  
For compounding into  
Masterbatch Resin

**Form:**  
Powder

### DESCRIPTION

**VAPPRO 1000** is a VCI powder designed for the production of VCI Masterbatch Resins. It is 100% Nitrite FREE and does not contain chromates or any other heavy metals.

**VAPPRO 1000** VCI Powder is a specialty corrosion inhibiting powder that has excellent corrosion protection for both ferrous and non-ferrous metals. A twin-screw extruder is recommended for the compounding of our VCI Powder into Masterbatch resins.



### FEATURES

- Nitrite free and does not contain chromates
- Easy application
- Multi-metal protection
- Long-term protection

## APPLICATIONS

Recommended for use in LLDPE, LDPE, MDPE, and PP

## PHYSICAL PROPERTIES

Physical Form	Fine Powder
Color	White
Boiling Point	Decomposes when heated above 300°C (570°F)
Melting Point	170°C
Alkalinity (as NaOH)	Not more than 0.04% as NaOH
Vapour Pressure	0.03 mm Hg
Solubility in Water	Partly Soluble
Relative Density	27-32 lbs./pi <sup>3</sup> (Powder)

## DIRECTIONS FOR USE

Add a minimum of **25% loading of VCI Powder** in the polyethylene formulations to produce the VCI Masterbatch. The final letdown ratio of the Masterbatch to produce the VCI film is **5%** depending on your VCI Powder loading.

## PACKAGING

- 134lb Fiber Drum



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