

VCI ANTI CORROSION POWDER BAGS / POUCHES

SP-MPW

SAFEPACK VCI Powder is a pure corrosion inhibitor designed to protect ferrous & non-ferrous metals (multi-metals), electrical & electronic components and assemblies from corrosion / oxidation when packed in enclosed containers, boxes plastic bags, cartons and cabinets. It provides a mono-molecular protective layer on metal surfaces guarding against oxidation and corrosion. It provides an extremely dry method of protection.

Core Elements

SAFEPACK VCI Powder is available in specially designed porous breathable & heat-sealable paper pouches which allows VCI Vapors to diffuse easily and in a controlled manner for optimum protection. These pouches contain powder with Hi-tech Volatile Corrosion inhibiting chemical, which have a property of evaporating into the surrounding enclosure. The released vapor deposits on the metal surface and forms a protective mono-molecular layer which provides multi-metal protection and protects from corrosion. It thus enables effective and long term protection of ferrous and non-ferrous metals against corrosion under adverse conditions including contaminants in air such as hydrogen sulphide, sulphur dioxide, ammonia or acid rain. Effective protection is achieved by placing powder pouches in the vicinity of painted/unpainted metal parts and by using it along with VCI Paper in packaging of large machines and in large volume packaging, VCI Powder can also be applied by blowing or sprinkling it on metal surfaces and inside hollow pipes/tubes. It gives protection to hard to reach areas like drilled holes, crevices etc.

Features

- Offers protection to a wide range of ferrous & non-ferrous metals.
- Under normal conditions offers protection upto 24 months.
- Molecular VCI layer does not affect electrical /optical/mechanical surface Properties.
- Gives protection when equipment is in storage, transit and when in operation.
- Effective in polluted and humid atmosphere.
- Protects hard to reach areas such as drilled holes, crevices etc.
- Does not require spraying, wiping, dipping or surface preparation.
- Easy to insert in a package and safe to handle..
- Not harmful to humans and is environment friendly.
- Free of nitrites, silicones and phosphates.
- Available in customized gram mages and sizes.
- Does not require activation / removal prior to usage.
- VCI layer is self-replenishing and replenishes itself when package is re-closed after opening for inspection or such other purpose.

Benefits

- Gives value for money
- Cost reduction by :
 - Reduced consumption of Labour, Materials & Time
- Value added product / service
- Peace of mind during shipping and storage
- Less periodic maintenance
- Extends product life

Spectrum of Applications

SAFEPACK VCI Anti-corrosion powder pouches are predominantly used in following segments of industry :

- Pumps & Motors
- Ferrous & Non-Ferrous Castings & forgings
- Machines
- Machined Parts & components
- Metal Pipes & Tubes
- Marine Vessels & tanks
- Tools & spare parts boxes
- Electrical & Electronic control panels
- Marine / Aero space / Military instruments
- Computer & Telecommunication equipments
- Many more !

Metals Protected

Ferrous & Non Ferrous metals like Iron & Steel, Brass, Bronze, Copper, Aluminium & combination of these metals

Specification & Standards

SAFEPACK VCI Anti Corrosion Powder Pouches are available in following standard range :

GRADES	PROTECTION COVERAGE	PACKAGING	SIZE
SP-MPW 30	1 Cubic feet.	300 / Carton	6 cm x 6 cm
SP-MPW 300	10 Cubic feet.	200 / Carton	8.5 cm x 7.5 cm
SP-MPW 450	15 Cubic feet.	100 / Carton	12 cm x 7.5 cm
SP-MPW 750	25 Cubic feet.	100 / Carton	15 cm x 10 cm

For industrial use only and not for internal consumption. Keep container sealed and out of reach of children.

Method of usage

- Insert the VCI Powder pouch inside the package either manually or with an automatic dispenser..
- It can also be used by hanging it near the part/surface to be protected.
- For Protection of inner surface, powder can be blown inside the I.D of the metal pipes/tube..
- Ideally install before the process of corrosion / oxidation starts.
- Seal package well, though not necessarily air tight for maximum benefit.

Packaging & Storage Conditions

- Store in a cool and dry place
- Stable at normal storage conditions
- Keep away from contaminants prior to usage
- Store in original packing for optimum benefits

SAFEPACK range of products:



Also available Customised Packaging Solutions that meet your needs & requirements.

LIMITED WARRANTY

The values shown above were developed from our random sampling procedure & we believe them to be specific for this product only. SAFEPACK Industries Ltd. gives no warranty express or implied as to the suitability of these products for any specific application. Users should determine the product suitability for any application through their own testing & evaluation. Standard warranty clause applies to all supplies. SAFEPACK Industries Ltd. shall have no liability for any injury, loss or damage arising out of the use of or the inability to use the products.

For more information call us today !

 SAFEPACK Industries Ltd. 77, General Block, M.I.D.C., Bhosari, Pune - 411 026, India Tel : 91-20-7111000 Fax : 91-20-7111700 e-mail : info@safepack.com	Distributed By : LINUSTRATE PTE LTD 51 Goldhill Plaza # 22-05A, Singapore 308900 Tel: +65 6255 3438 Fax: +65 6255 3428 Email: contact@linustrade.com http://www.linustrade.com
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