

HVS Agencies

- A) K-2 PASTE (Gel Form)
- B) K-2 Spray (Semi Gel Form)
- C) K-2 DIP (Liquid Form)
- D) K-2 Passivation

K-2



Cortec VpCI – Technology

(Solution For Corrosion Prevention)
Powders, Aerosols & Liquids
(Water, Oil, Solvent Base)

VpCI Packaging Products (Film, Paper, & Pad)

- 1) Abrasive Systems
- 2) Industrial Adhesives and Tapes
- 3) PPE Safety Solutions

3M



- 1) Absorbent Pads & Rolls
- 2) Booms / Spill Response
- 3) Spill Kits & Refills
- 4) Spill Pallets

- 1) Metal Pretreatment
- 2) Electroplating & Electropolishing
- 3) Electroplating Jigs



PROGRESSIVE
PSSPL SURFACE SYSTEMS

HVS Agencies Profile

HVS Agencies is leading Trading company and channel partner of **Pickling & Passivation On Stainless Steel, VpCI Corrosion Inhibiting Additives for Coatings, Fluids, Adhesives and Packings, Electro Plating Equipments & Jigs, Metal Chemical Polishing Processes.** Having experience of **14 years** in this domain the company has extended coverage from Gujarat to various states of India and with multiple industries. the company is determined to achieve complete client satisfaction by meeting the expectation of our clients across the global market.

CORTEC CORROSION SOLUTIONS

Cortec VpCI – Technology

Corrosion is a constant indiscriminate and costly enemy of parts whether when packaged for storage and distribution or during its manufacturing cycle in the shop. Traditional anti-corrosion methods are Messy, costly and can be hazardous to personnel and the environment. Too often, they are ineffective as well.

Cortec VpCI technology represents a breakthrough solution in corrosion prevention. Cortec Corporation, USA is an ISO 9001 and ISO 14001 certified Company. Cortec VpCI products are environmentally safe, and do not contain nitrites or other harmful chemicals.

Cortec VpCI products are available in various form such as liquids, powders, film, foam, paper etc. They provide multi metal corrosion protection by forming a mono molecular layer on the metal surface. The coverage is complete i.e., all surfaces, including crevices, cavities and other inaccessible void areas receive total protection.

The VpCI barrier displaces moisture, reheals when disturbed and is self-replenishing, even for packaging that is opened and closed, and typically provides continuous protection for upto 24 months even in harsh and hostile conditions.

The result is exceptional product protection, without the labor-intensive application and clean-up that is required with conventional oil coatings or other inhibiting products.

Cortec VpCI Benefits

- Multi functional products.
- Cost Effective – reduces operations and saves costly time and labor.
- Eliminates requirements of other rust preventive oils and desiccants.
- Eliminates disposal costs.
- Multi metal Protection from tiny electronic devices to large equipments.
- Convenient and user-friendly to applicator and end user.
- Safe for Personnel and Environment.
- Gives short term and long term protection.
- Industry proven track record.
- Total corrosion control from raw materials to final user in variety of industries.

Fight Corrosion



K-2

A) K-2 PASTE (Gel Form)

It is used to clean weld seams and the areas surrounding the welds.

How to Apply K-2 Paste

- ❖ S1-56 Degreaser add 50 gm per lit. Apply liquid. S1-56 Degreaser on to the surface for 5-10 minutes. Then wash the surface thoroughly with water.
- ❖ K-2 paste is to be applied on the weld seam and surrounding area with brush.
- ❖ Leave the k-2 paste on the weld seam for 30-45 minutes depending on the thickness of oxide scale.
- ❖ Brush the surface with a plastic bristled brush and then wash surface thoroughly with water.
- ❖ Next apply K-2 passivation solution and leave it for 20-25 minutes.
- ❖ Finally clean the surface thoroughly with water.



B) K-2 Spray(Semi Gel Form)

It is used to clean large fabricated equipment of s.s e.g vessels, agitation, dryers, dairy machinery, terminators, internals as well as the external of pipes by pressurized spray bottle or pump.

How to Apply K-2 Spray

- ❖ S1-56 degreaser add 50 gm per lit. Apply liquid s1-56 degreaser on the surface for 5-10 minutes. Then wash the surface thoroughly with water.
- ❖ K-2 spray is to be sprayed on the s.s. Surface with a pressurized plastic bottle or spray pump.
- ❖ After spraying leave it for 30-60 minutes.
- ❖ Then wash the surface thoroughly with water.
- ❖ Next apply k-2 passivation solution and leave it for 20-30 mins.
- ❖ Finally rinse the surface thoroughly with water.

C) K-2 DIP (Liquid Form)

It is used to clean complicated items like internal of pipelines by circulatory system. It is also used to clean wire rolls, internally recessed areas of machinery, heavy machinery by dipping into a huge tank by means of a chain pulley.

How to Apply K-2 DIP

- ❖ S1-56 degreaser add 50 gm per lit. Apply liquid S1-56 degreaser on the surface for 5-10 minutes. Then wash the surface thoroughly with water.
- ❖ Just immerse the articles in the dip tank.
- ❖ Leave for 45-60 minutes.
- ❖ Remove and wash the article with water thoroughly.
- ❖ Dip the articles again in the k-2 passivating solution for 20-30 minutes.
- ❖ Finally wash the articles with water.



Note: Chloride content in rinse water to be less than 50ppm.

Electroplating Equipments & Jigs



Absorbent Mat and Kits



3M Abrasive Systems



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