



Kinetic Polymers

(AN ISO 9001 - 2008 Certified Company)

D-13/2, Phase-1, Road No. 3, IDA., Jeedimetla, Hyderabad - 055. INDIA
Phones : 7207078344, 7207008277, Telefax : 040-23093957
Email : kineticpolymers@gmail.com / Website : www.kineticpolymers.com



Technical Specifications of VCI Powder

Nature	:	VCI Powder is a colourless crystalline powder. It imparts long term protection to ferrous metals in closed environment.
Product Function	:	VCI Powder is highly effective in protecting ferrous metals from corrosion for prolonged periods. Vapours continuously emitted from powder form a mono-molecular film on the object. This film acts as a physical barrier between the object and the corrodants in the environments and impediment corrosion. As the vapours are hydrophobic in nature, complete protection is offered from moisture.
Method of Application	:	VCI Powder can be directly sprayed, dusted or be applied by hand on surfaces to be protected. The powder can also be diluted with a volatile solvent and objects can be dipped in it to coat and protect areas which are inaccessible.
Protection Period	:	10 – 12 months at ambient temperature.
Dosage	:	1 gm / cu.ft. for direct application.
Packaging	:	12 Kgs Pack
Storage	:	Store away from direct sunlight and naked flame.
Health and Safety	:	Avoid prolonged inhalation of vapours and powder. Maintain adequate ventilation during application and drying. Wear masks during spray application. If splashes enter eyes wash with plenty of water and seek medical advice. No naked flames or smoking during application and drying.
Recommended for	:	Protecting metal automobile spare parts in transit or storage and for weapons, ammunition tools, export machinery, etc., Impregnated paper can be used to wrap ferrous objects like blades, machine parts and maintenance tools.
Advantages	:	VCI Powder gives excellent long term storage protection. Surfaces or assemblies that cannot be reached by other means are protected by VCI Powder vapours. Application methods is clean hence costly and tedious degreasing and polishing operations are eliminated. Treated articles can be easily inspected. VCI Powder does not hinder magnetic, electric properties, it also does not affect non – metallics. Treated articles are in a ready to use condition.



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- **Material** : **VCI Powder (Volatile Corrosion Inhibitor)**
- **Colour** : **Off White**
- **Melting Points** : **190°C**
- **Purity** : **≥ 96%**

