



SVCI Rustopowder & Desiccants

Suprabha's tryst with anti-corrosion dates back to the '70s with its ground breaking innovation of eco-friendly Suprabha Vapour Corrosion Inhibitor (SVCI*).

VCI's heralded a new era in the world of anti corrosion solutions and Suprabha became India's first eco-friendly SVCI Provider. Better known today as a Corrosion Solutions Provider, Suprabha is an INR 10 billion group with an ISO: TS 16949 Certification. Suprabha has numerous innovations and awards to its credit.

Desiccants such as Silica gel are commonly used inside a package to absorb moisture. These are often ineffective and at times cause corrosion of the packed item rather than the prevention. The phenomenon of bleeding of silica gel promotes acidic atmosphere in addition to increasing the humidity level inside the package.

Suprabha approaches this problem by providing two varieties of desiccants, namely the SVCI Rustopowder and Suprabha DHF 555 Dehumidifier. The former provides positive rust prevention by adsorption and the latter by absorption of the moisture and keeps the same under control.

SVCI 512 Rustopowder

On vaporisation SVCI molecules migrate and then condensate, forming a monomolecular film on the metal surface. The SVCI molecules are attracted towards metal surfaces and

protect every area of metal components including cavities and recessed areas.

Special Features

- In case the package is breached and the conditioned atmosphere within the package escapes into the outside atmosphere, the monomolecular SVCI layer remains undisturbed due to the continuous vapour action till the powder remains inside the package
- The invisible SVCI layer on items shipped need not be removed, and the parts, components or assembled units are ready for final assembly on delivery, since no de preservation or cleaning is necessary
- Continuous dry protection; effective up to 24 months
- SVCI does not affect the functioning of most electrical and electronic components
- SVCI powders protect both Ferrous & Non-Ferrous metals
- Conforms to IS-5730 specifications
- General dosage 5 gm/C.ft

Suprabha DHF 555 Dehumidifier

It is a Clay based compound, which is an excellent absorber of moisture, and does not get as soaked as to ooze the absorbed moisture when saturated. Its pH of 7 to 7.5 ensures no adverse effect on metals. The right quantity of this desiccant brings down the humidity to safer limits.

Special Features

- Absorbs moisture up to 85% of its weight
- General dosage 20 gm/C.ft
- In combination with SVCI 512 Rustopowder, Suprabha DHF 555 Dehumidifier can be used for effective rust prevention for a period of 18-24 months



Both these products are packed in ACT non oven fabric manufactured by Dupont. This pouch offers dust proof packaging and meets DIN 55473 specifications.

PRODUCT CODE	DESCRIPTION	APPLICATIONS	SPECIAL FEATURES	PROTECTION PERIOD
Rustopowder				
SVCI 512	Water / petrol insoluble powder conforming to IS – 5730	Ferrous and Aluminium metals	• Provides dry protection • Contact with metal not necessary	10-12 months
SVCI 512S	Water / petrol insoluble powder conforming to IS-5730	Multi-metal protection	High efficiency SVCI powder	12-15 months
SVCI 513	Water / petrol insoluble powder	Multi-metal protection	• Provides dry protection • Contact with metal not necessary	10-12 months
SVCI 514	Water soluble powder	High efficiency Multi-metal protection	• Provides dry protection • Contact with metal not necessary	12-15 months
Rustopowder Tablet				
SVCI 552	SVCI 512 Rustopowder in tablet form (Wt 0.5gm)	For use in small packages	Small packs / components, internals of tubes etc.	12-15 months
Dehumidifier				
DHF 555	Clay based Desiccant	For absorbing entrapped moisture inside the package	• Absorbs moisture up to 85% of its weight • Treatment for disposal not necessary	

* SVCI is the registered trade mark of Suprabha

- Protection period can be extended by increasing the dosage
- In case of larger packages, combination of Rustopowder with Dehumidifier is recommended
- Please consult us in this regard.

MSDS available on request.

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