



# World Acclaimed...

Suprabha Seaworthy Packaging System





# Suprabha Seaworthy Packaging System

Suprabha Seaworthy Packaging System protects maritime shipments from corrosion. The contents could be any metal right from a pin to heavy machinery. The machinery/ equipment to be shipped is packed in covers made of multilayered VCI impregnated barrier material. The cleaned metal surfaces are coated with VCI Rust Preventive liquid either water based or oil based product. Pouches of VCI Rustopowder and Clay based Dehumidifier are placed inside the package. The Suprabha VCI impregnated multilayered barrier material cover is closed and sealed to complete the package. The entrapped atmosphere inside the package is treated with positive rust preventive chemicals and excess moisture is absorbed by the dehumidifier to prevent corrosion. The system can be designed to get the desired period of protection by suitably combining the various products used in packing. The system has been successfully adopted by Engineering Industry for over 3 decades.



**INDIASTAR 2004 from IIP**

- Suprabha Seaworthy Packaging System
- Eco-friendly, Biodegradable Desiccants



**Multilayered Barrier Material ( VCI Rustopaper )**



**Suprabha Rustopowder (VCI 512) & Suprabha Dehumidifier (DHF 555)**



Suprabha  
Transparent Seaworthy Packaging System

At foreign ports, customs authorities often open packed consignments for inspections. The openings are either are not closed or are inappropriately sealed, leading to moisture/water ingress [contamination] causing corrosion thereby rendering all corrosion prevention efforts useless. As a solution to this, Suprabha has introduced its Transparent Seaworthy Packaging System. The barrier material being transparent, it facilitates easy inspection of the packed contents at ports, without having to open the package. The inner cover is of VCI Rustofilm and the outer cover is of normal LDPE Film. Both are made from virgin grade LDPE granules. Suprabha Rustopowder pouches are placed inside the VCI Rustofilm cover. Clay based Dehumidifier in between the VCI Rustofilm cover and the outer LDPE cover to reduce the level of moisture ingress.



**INDIASTAR 2006 from IIP**  
• Suprabha Transparent Seaworthy Packaging System



**WORLDSTAR 2006 from WPO**  
• Suprabha Transparent Seaworthy Packaging System



**Suprabha VCI Rustofilm**

# Components

## Treatment to Wood

- A special water-based liquid to protect from fungus and termite attack

## Application of Rust Preventive treatment to metal surfaces

- Non-film forming, easy-to-clean VCI coatings or VCI gels

## Desiccants and dehumidifying agents

- Rustopowder
- Clay based Dehumidifier

## Packaging material with excellent barrier properties variants

- Multilayered HDPE Fabric Laminated VCI Paper
- Transparent VCI film and normal LDPE film
- VCI film and HDPE fabric

## Sealing

- Suprabha provides a special in-house developed sealing machine for heat sealing of films
- Adhesive Tape



## Benefits

- The materials are completely reusable and recyclable
- The covers are fabricated either by heat sealing or by using adhesive tape
- Covers provide complete water resistance and water proofing properties
- The VCI chemicals in the system keep the packed contents in a factory fresh and ready to use condition on reaching the destination, till opened
- The VCI Rustofilm can be supplied with or without a tint. It is also available in yellow or blue tints

## The Added Advantage of the Suprabha Transparent Seaworthy Packaging System

- Being transparent it is possible to inspect the contents without opening the seal
- Both the materials are flexible, making handling easy
- The risk of the cover tearing during transit or handling is largely reduced since there are two covers
- The sealing machine for final sealing is also provided by Suprabha (Please refer brochure on "Suprabha Sealer")



## Suprabha, then & now

Suprabha's tryst with anti-corrosion goes back to the 70s, when it arrived with the ground-breaking concept of India's first eco-friendly, bio-degradable Vapour Corrosion Inhibitors (VCI) Technology. The VCIs heralded the beginning of a new era in the world of anti-corrosion solutions. Today, Suprabha, better known as a Corrosion Solutions Provider is over INR 350 million group with an ISO: TS 16949 certification and numerous innovations to its credit. Suprabha has over the years maintained its strong focus on quality and use of eco-friendly products, while staying at the forefront of technology. Research has always been central to its mission and customer satisfaction its primary goal.

With a deep insight into the corrosion realm and a competent team, Suprabha has successfully captured a major share of the Indian market and is all set to take the international market by storm.

Bangalore

Chennai

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**TUVNORD**



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