

HOME SHIELD Rust Off



Advantages



Simple, economical,
cost effective and
easy to apply

Contains corrosive,
being free from any
chloride component



Effective rust
remover, even
removes from areas
difficult to reach



Excellent for
equipment and
structural rust removal



Packs

Available in 1 Kg
and 5 Kg container

Storage

Store in a cool dry
place under shed
away from heat.



Shelf Life

12 months in
original unopened
sealed condition.



Product Description

HS Rust Off is chloride and sulphate free liquid rust remover. It effectively removes rust from steel surfaces. Preferably, HS Rust Off is applied before application of any protective coating.

Application

• Steel structures / Tanks • Water pipelines • Shuttering plates • Other steel surfaces

Specific Gravity



1.18 ± 0.02

Nature



Acidic

Theoretical Coverage



0.12 to 0.15 kg / m² (Depending
upon surface condition)

Colour



Light Pink

Application Methodology

Surface preparation



- Remove dust, flakes, or other foreign particles by jet or dry air and clean the surface mechanically or by grinding to make it smooth before application.
- Thoroughly dust down the surfaces.
- Remove majority of rust scales from surface of rusting steel structure / reinforcement by wire brush, chipping or grinding.
- Ensure that the substrate temperature is in the range of 5°C – 40°C.

Material Preparation



- Stir HS Rust Off by a slow speed mixture fitted with a suitable mixing paddle to ensure a homogenous mix.
- After stirring, wait for the product to settle in order to let entrapped air escape.

Application of Material



- Apply HS Rust Off on affected surface by using cotton waste swab or by brush.
- Leave the surface coated with HS Rust Off for at least 15 to 30 minutes.
- Rusty surface will change its colour to original blackish steel.
- Then remove the loose rust particles by scrubbing or simple dusting with brush.

Health & Safety

- Avoid contact with skin / eyes and avoid swallowing.
- Ensure adequate ventilation and avoid inhalation of vapor.
- Wear suitable protective clothing, gloves and eye protection.
- In case of contact with skin, rinse with plenty of clean water, then cleanse with soap and water. Do not use solvent to clean the contacted area.
- In case of contact with eyes, wash immediately with plenty of clean water and seek medical advice.
- If swallowed seek medical attention immediately. Do not induce vomiting.

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