

Introduction

RUSTEASE PPT is the most widely used chemical cleaner used for surface preparation before painting or powder coating on ferrous components and surfaces. It is popularly known as three in one solution as it accomplishes three functions in single application by brush or a swab.

1. It removes the rust from the surface completely.
2. It removes oil grease and protective lubricant from the surface.
3. It passivates the surface from oxidation thus protecting from further rusting.

It is widely used in surface preparation for furniture, sheet metal work, channels or any ferrous components before painting or powder coating.

Specification

Appearance	: Dark Green liquid
Solubility	: Readily soluble in water
pH Characteristic	: Acidic
Stability	: Stable in closed containers
Shelf Life	: Six months from date of manufacturing

Operation parameter

Concentration of water	: 1-part RUSTEASE PPT / 3-5 part of water
Temperature	: Room Temperature
Immersion Time	: 20 - 30 Minutes

Operation procedure

For immersion process

- ✓ Prepare the bath by dissolving required quantity of **RUSTEASE PPT** with water.



- ✓ Immerse the component in the bath until rust is removed completely.
- ✓ Rub the area heavily rusted
- ✓ Rinse thoroughly. do wash in water.
- ✓ allow to dry in air or heater.

For brush and wipe process

Prepare the Solution of **RUSTEASE PPT** with soft water.

Apply the solution by swab or brush on the surface till the rust is completely removed. Wipe the surface with dry cloth or rag without using water later.

Control on Bath in immersion process

The efficiency of bath can be controlled by periodically testing the sample of bath solution as below.

Titre 10 ml bath solution against 0.1N solution of Sodium Hydroxide with Pheolphthalein indicator. The titre value must be 15 -25ml for the efficient working of bath. Remove oil from the stagnant bath as frequently as possible for efficient bath life.