



## Product Data

# Castrol Rustilo® 150

Organometallic Rust Inhibitors in a Hydrocarbon Solvent

### Description

**Castrol Rustilo® 150** is a dark hazy brown fluid, consisting of a solution of organometallic rust inhibitors in a hydrocarbon solvent. When dry, it leaves a pale brown, tough, plastic-like film that is water repellent.

### Application

**Castrol Rustilo® 150** is a heavy-duty corrosion preventive, designed for applications where a high degree of protection is required under severe conditions. It is particularly suitable for the protection of steel structures and components during storage or transit.

### Benefits and Qualities

- Film possesses good mechanical strength. Treated components can be handled without disturbing the film. Special storage conditions not necessary.
- Water-repellent film. Withstands severe conditions.

### Technical Data

- Total solids : 52% w/w
- Density at 15°C : 0.917
- Flash Point (Abel) : 38° C
- Viscosity at 21° C : 350 cst
- Coverage (approx.) : 10 sq m/litre
- Film thickness (approx.) : 44 microns
- Film density (approx.) : 46 g/sq m
- Drying time at 20°C : Tack dry - 1 hour approx.  
: Completely dry - 5 hours approx.

The above data is typical and does not constitute a specification.

### Protection

Indoors: 3 years

Outdoors: 12 months

The period specified for outdoor use assumes primary protection from the elements by tarpaulin or other form of cover.

**B852/91/Ind2 replaces B80/77**  
**Bulk Item Code 104023**

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## Method of Use

**Castrol Rustilo® 150** may be applied by dipping, spraying or brushing.

1. Preparation of work surface: All foreign matter, such as metal particles, scale and dirt, should be removed. Ensure the surface to be treated is free from water and other liquids.
2. Methods of application:
  - A. Dipping - the work should be totally immersed for two to three minutes before being raised and drained. Some agitation is an advantage, allowing proper penetration to all components, especially those that might lie close to one another.
  - B. Spraying - the spray should be at moderate pressure and fairly coarse, to avoid premature evaporation of solvent. The nozzle should not be held too close to work and care is needed to ensure a regular film. Spraying should cease when the first signs of running appear.
  - C. Brushing - the brush should be soft and **Castrol Rustilo® 150** should be flowed on and not brushed out, to ensure a regular film.
3. Drying and film hardening - before treated work is handled or wrapped, time must be allowed for evaporation of any solvent to be effected and the film to dry.
4. Removal- **Castrol Rustilo® 150** may be removed with the aid of a hydrocarbon or chlorinated solvent or suitable alkaline cleaner.
5. Thinning - Castrol Solvent Cleaner may be used to thin **Castrol Rustilo® 150** to a more workable liquid.

For further information on corrosion preventatives refer to Castrol brochures "Application of Temporary Corrosion Preventatives" and "An Introduction to Temporary Corrosion Preventatives".

## Health, Safety & Environment

**Castrol Rustilo® 150** is flammable. Store in a flammable goods area. Keep container tightly closed. Store away from strong oxidising agents (i.e. Class 5.1 or 5.2). Use in a well ventilated area away from sources of ignition. Do not smoke. Skin and eye irritant. When handling, PVC or nitrile protective clothing is recommended. Also chemical goggles or face shield if needed to protect eyes.

Spillage:	<b>SMALL - 20 LITRES OR LESS</b> Soak up on Castrol Diatomaceous Earth or similar inert oil absorbent. Arrange for disposal through an approved facility.
	<b>LARGE - GREATER THAN 20 LITRES</b> Contain as soon as possible, remove by best means available and arrange recycling (preferred) or disposal through an approved facility.
Disposal:	New or used mineral oils, or solvent must not be allowed to enter the ground, ground water, water courses, sewers or drainage systems. Advice may be sought from the Environmental Protection Authority or from the local waste disposal authority.

All reasonable care has been taken to ensure that the information contained in this publication is accurate as of the date of printing. However, such information may, nevertheless, be affected by changes in the blend formulation occurring subsequent to the date of printing. Material Safety Data Sheets are available for all Castrol Industrial Australia Inc. products. The MSDS must be consulted for appropriate information regarding storage, safe handling and disposal of a product.

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