

763

RUST TRANSFORMER®

APPLICATION AREAS

- *Storage Tanks*
- *Heavy Equipment*
- *Bridges*
- *Transmission Line Towers*
- *Ships, Piers Marine*
- *Structural Steel*
- *Anywhere rust is destroying metal*



Before using this product, please refer to Safety Data Sheet (SDS).



PRODUCT DATA SHEET

KEY FEATURES AND BENEFITS

- Easy to apply
- No sandblasting
- Forms protective film
- Cleans up with water
- No strong acids
- Biodegradable

PACKAGING

1 Gallon/3.8 L
20 L
208 L

DIRECTIONS

Remove loose and flaking rust. Apply 763 Rust Transformer to surface when relative humidity is at least 50% and temperatures are above 10°C (50°F). Allow to stand 18 – 24 hours to insure complete reaction of organo-metallic complex. Rinse excess unreacted 763 from the surface with clean water. The surface must be free of oil, dried salts, peeling paint, loose or flaking rust for the most efficient reaction. 763 is best applied with a stiff bristled brush for deep penetration into the rusted areas although it can be sprayed or rolled on. Product may be applied to damp surfaces, (high relative humidity accelerates the reaction) but should not be applied in rainy weather. If rain or water come in contact with the surface within 3 hours of application the complex will be washed-off before it has had time to react. The product will have to be reapplied. The formation of a blue-black film is visual evidence that the reaction has taken place. To form the blue-black film requires time (18 – 24 hours), oxygen (air), humidity (relative humidity of 50% or more) and temperature (10°C/50°F or more). The reaction takes place faster at higher temperatures and relative humidity.

DESCRIPTION

Chesterton® 763 Rust Transformer® is a mild, natural acid based product which electrochemically transforms rust into a corrosion inhibiting protective film. It is the labor saving way to prepare metals prior to painting. As an alternative to sandblasting, the product provides convenience, low cost. Flash rusting is eliminated as the thin film formed protects surfaces prior to further coating. Unlike strong acid preparations sometimes used to prepare metals, damage to surfaces and embrittlement is never a problem with 763 Rust Transformer. This product gently but effectively converts surfaces into a receptive base coat for the application of a primer and topcoat. For all the rusted parts and equipment in your plant, Rust + Transformer = Protection.

TYPICAL PHYSICAL PROPERTIES

Appearance	Transparent brown liquid
Coverage (typical)	19.6 m ² /l (800 ft ² /gal)
Solubility in Water	Completely soluble
Reaction Time	15 hours minimum
Minimum Operating Temperature	10°C (50°F) and 50% humidity
Density	1.1 kg/l (9.1 lbs/gal)
pH	1.20