

PRODUCT DESCRIPTION

Phosphoric acid based conditioner and rust remover specially formulated to improve the adhesion of paint to any metal and to delay the rust propagation under the paint coats.

TECHNOLOGY

Leaves a thin layer of metallic phosphate behind, which delays the formation of rust.

ADVANTAGES

- Easy to use.
- Improves the adhesion of paint to any metal, particularly new galvanized metal.
- Removes rust, oxidation and other corrosion products.
- Provides a tighter bond of the paint coatings.

PROJECTS

USE

New and maintenance work.

Residential and commercial sites.

Vehicles, machinery, equipment, tools, tanks, pumps, pipes, furniture, roofs, gutters, signs, structures, fences, doors, guards, stairways, etc.

SURFACES

New or rusted metals, any shape.

Any metal: iron, steel, cast iron, stainless steel, light alloys, aluminum (not anodized), copper, brass, bronze, tin, zinc, galvanized metal, chrome, etc.

ENVIRONMENT

Interior and exterior.

NOTES

Handle carefully: wear rubber gloves, apron and protective glasses.

Avoid contact with skin and eyes.

Do not breathe vapours during use.

Do not mix with other cleaner, paints or thinner.

Do not mix with other chemical product.

TECHNICAL SPECIFICATIONS (21°C (70°F))

Appearance	Transparent
Gloss Level	Not applicable • Gloss at 60°: Not applicable • Gloss at 85°: Not applicable
Composition	• Diluent: Water • Binder: None
Volatile Organic Compounds (VOCs)*	According to ASTM D3960-05: Not available Canadian standard: Not available
Spreading Rate per Coat	Varies with application methods and surface porosity. (Excluding losses caused by variations in application methods or surface porosity).
Recommended Film Thickness*	Not applicable
Solids by Volume*	Not applicable
Flammability	Non flammable

DRYING TIME*



Not applicable

When relative humidity is higher than 50%, double the required drying time.



*Technical data source: 635-104

SURFACE PREPARATION

Before treating a surface, it must be clean, solid and free from dust, dirt, oil, soot, wax, mildew, chalking, loose paint or all contaminants. Follow the preparation steps as described below:

- Clean surface with Polyprep cleaner 771-135, 771-136, or the appropriate cleaner for removing the contaminant. Rinse thoroughly with clear water.
- New metal: Remove grease and oil with mineral spirits.
- Rusted metal: Remove all loose rust and other foreign matter with a wire brush, a scraper, an abrasive cloth or other suitable means.

APPLICATION

This is a ready-to-use product, do not thin. Pour the needed quantity into a acid resisting container (plastic or stainless steel).

Note : Slightly rusty iron can be treated with a solution of 2 parts cleaner and 1 part water. Always add the product to the water. Never add the water to the product.

Wear gloves, apron and protective glasses.

Apply by stiff brush, brush or with a clean cloth. Let the product work. Avoid breathing vapours.

Rinse well with clear water and wipe dry. Outdoor, rinse the surface with clean water under pressure.

Repeat these steps if needed.

Paint immediately after cleaning to prevent oxidation.

To obtain more information on application methods, visit the website at www.corrostop.ca or call our customer service: 1-800-463-7426.

APPLICATION CONDITIONS

Temperature: 5 to 30°C (40 to 90°F)
(ideal 20°C ± 5°C [68°F ± 9°F]).

Relative humidity: ideal between 15 and 50%, maximum 85%.

TOOLS

- Paintbrush: Natural or synthetic bristles
- Others: stiff bristle brush, clean cloth, sponge or soak.

CLEANING TOOLS

Rinse tools with water.

SURFACE MAINTENANCE

- Apply a protective coating on dry surfaces.

STORAGE AND TRANSPORTATION

Keep product in a dry and ventilated area, between 10 and 30°C (50 and 86°F).

DISPOSAL

Consult your municipality about proper disposal procedure of leftover product in accordance with the laws and environmental respect or give it to a neighbour or a friend, a recreational service or a non-profit organization. Do not pour down the drain.

SAFETY MEASURES

Read the Material Safety Data Sheet. Avoid contact with eyes. Content may be harmful. Do not swallow. Keep out of reach of children. Wear a protective mask, rubber gloves and safety goggles. Only use in a well ventilated area.

FIRST AID TREATMENT: If in contact with eyes, rinse thoroughly with clear water. If swallowed, do not induce vomiting. Call poison centre or physician immediately.