

METAL CONDITIONER AND RUST REMOVER

PRODUCT FUNCTION

Phosphoric acid based limpid colourless liquid.
Improves the adhesion of paint to any metal particularly new galvanized metal; delay the rust propagation under the paint coats.

SURFACES

- It is use on le galvanized metal, steel, aluminum , le bronze, brass, copper, iron, light alloys as the galvalum, etc. to remove their rust or oxidation, even in the presence of light traces of grease or oil.

USES

Interior and exterior.
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.
Vehicles, machinery, equipment, tools, tanks, pumps, pipes, furniture, roofs, gutters, signs, structures, fences, doors, guards, stairways, etc.
Used also to remove rust stains from wood, masonry and porcelain.

ADVANTAGES

- Improves the adhesion of paint to any metal particularly new galvanized metal.
- Removes rust, oxidation and other corrosion products.
- Etches the surface and provides a tighter bond of the paint coatings.
- Removes contaminants, cutting oils, lubricants, soot.
- Will not affect paint coatings still intact and solid.

SPECIFICATIONS

- Type CAN/CGSB 31-GP-107 Type 2.

COLORS	COLORANTS		SIZES:		
	Maximum quantity per L	3.78 L	.946 L	3.78 L	18.9 L
635-104 Colorless	Do not tint.	X	X	n. a.	

STORAGE

Store in a cool, dry, and ventilated area. Keep temperature between 4° and 30°C (40° and 86°F). Keep containers closed when not in use.

Product Shelf Life: 5 years under the ideal conditions

APPLICATION CONDITIONS

Temperature (°C) 4°C (40°F) to 30°C (86°F).
Relative Humidity (%) **Avoid dew and direct sunlight.**
Drying Time (@ 25°C; 50% relative humidity)
To Touch Not applicable
Tack free Not applicable
Recoating Not applicable
Full dry Not applicable

The surface must be dry, clean and free from dust, oil, grease, soap, wax, mildew, rust, condensation, loose paint and all other contaminants...

TECHNICAL PRODUCT INFORMATION

* Technical data from 635-104

Gloss * 60° Not applicable
Sheen * 85° Not applicable
Appearance: Limpid colourless liquid
Spreading rate*
Varies with condition and temperature of the surface to treat.
Solid Volume * (%) Not applicable
Solid Weight * (%) Not applicable
Viscosity * (K.U.) Ready to use
Density * (g/ml) 1,1
Flammability Non-flammable
Point éclair * (°C) Not applicable
V.O.C. Coating Not available
V.O.C. Material* Not available
Film Thickness per coat Not applicable
Composition
Thinner: Water
Binder: -
Active agents and additives: Phosphoric acid (H₃PO₄), wetting agents and organic solvent.

APPLICATION TOOLS

Brush Nylon or Polyester.
Roller -
Spray gun No.
Other Brush, scrubbing brush, rag, sponge or dipping.
Tool Cleaning: Water immediately after use.

SAFETY MEASURES

KEEP OUT OF REACH OF CHILDREN. Consult Material Safety Data Sheet.

Corrosive, avoid contact with eyes and skin. Wear rubber gloves. Wear safety glasses.

Keep containers closed when not in use. Provide adequate ventilation.

FIRST AID TREATMENT:

If swallowed, Call a physician or poison control centre immediately. If in eyes or on skin, rinse well with clear water.

SURFACE PREPARATION

Surface preparation is a crucial operation. Most problems blamed on the coating itself are actually caused by poor surface preparation.

- Surface Cleaning:** Clean the surface with the cleaner best suited for removing the contaminant on the surface.
 - **Grease & oil:** Remove grease and oil with paint thinner «POLYPREP» 875-104, let dry perfectly.

or

- Wash well with a concentrated solution of trisodium phosphate (T.S.P.) «POLYPREP» 771-137. Rinse well with clear water.

- Remove loose rust with a wire brush, a scraper, an abrasive cloth or other suitable means.**

RECOMMENDED BASE COATS

Not applicable

APPLICATION DIRECTIONS

- Covers or masks off surfaces you don't want to paint and make sure drop cloths are carefully placed.
- Pour this product into an acid resisting container: plastic, stainless steel.
- Apply the solution using a scrubbing brush, or a paint brush.
- Rusted metal: Remove all loose rust. Apply the solution on metal and to let act until rust is dislodged. To force the process, Scrub the surface using an abrasive paper, a brush or metal wool.
- Rinse surface using a clean water jet under pressure.
- Repeat the operation if request.
- Wipe surface using a clean and dry rag
- Let dry surface
- Wipe dry with clean rags.

SURFACE MAINTENANCE

Paint as soon as the metal surface has been cleaned and whereas surface is quite dry in order to avoid oxidation.

RESTRICTIONS

The results can lightly change in accordance with the temperature, humidity and air circulation at the time of the application.

Do not mix with other cleaner, paints or thinners.

Do not mix with other chemical product.

WASTE DISPOSAL

PAINT DISPOSAL: Contact your municipality for proper leftover paint disposal procedure. Recycle if a can recycling program is available in your community.