



Cold Galvanize

Corrosion Inhibitor



FEATURES

- Zinc-rich galvanized coating - Zinc Purity: 99+%
- Works like hot-dip galvanizing on ferrous metals indoors and out
- Withstands water temperature up to 212°F (100°C) and continuous dry heat up to 750°F (400°C)
- Commonly used as a flash rust preventive on welded areas
- Inhibits rust on steel under severe environments
- Provides a tough, flexible coating that will not yellow, chalk, crack, or peel
- Galvanic action electrochemically protects bare metal
- Dries in 3-5 minutes
- Can be used as a paint primer
- Protects underwater

APPLICATIONS

- Air Conditioning Parts
- Antennas
- Bridges
- Chain Link Fences
- Docks
- Ducts
- Heating Parts
- Machine Housing
- Tanks
- Material Handling Equipment
- Newly Welded Surfaces
- Off-shore Rigs
- Outside Storage Tanks
- Pipes
- Plumbing
- Pulley and Chain Cover
- Structural Steel
- Transmission Toner

SPECIFICATIONS AND APPROVALS

- ASTM A780
- MIL-P-26915D
- MIL-P-46105
- DOD-P-21035B
- SSPC-Paint 20

PROPERTIES

Appearance / Physical State	Gray / Liquefied Gas
Color	Gray
Odor	Aromatic
Boiling Point / Range	-48.1°F (-44.5°C)
Flash Point	-2.2°F (-19°C)
Specific Gravity	0.75 - 0.87
Propellant	Liquefied Petroleum Gases (LPG)
Flammability	Extremely flammable
Explosive Properties	LEL = 1.7%, UEL = 10.9%
Temperature Range	350°F max
VOC Content	MIR = 1.18, cannot exceed 1.25

DIRECTIONS

Application temperature = 50 - 90°F. Preparation: Brush off loose rust and apply to a clean, dry surface. The surface should be roughened with a wire brush and degreased with a residue-free solvent degreaser prior to application. Failure to sufficiently roughen and degrease the substrate may result in poor adhesion. Polished surfaces do not provide a good anchor for the product. Do not apply to wet or damp surfaces. Dries to touch in 5 minutes at 72°F, 50% humidity, at 1.5 mil thickness. Several thin coats at 6-hour intervals provide greater protection than one heavy application. Curing/Recoat time is extended with multiple coats and excessively thick coats. Aerosol: Shake can vigorously until ball inside moves freely. Spray with a sweeping motion with nozzle about one foot from surface. To avoid clogging, turn can upside down after each use and spray a few short bursts.

For oily or greasy surfaces: Degrease with a residue-free solvent degreaser and allow to dry.

For lightly rusted surfaces: Use a wire brush or power tool to remove all loose rust, then degrease with a residue-free solvent degreaser and allow to dry.

For heavily rusted or mill scaled surfaces: Commercial grade sandblasting is required. To repair old, corroded hot-dip galvanizing: Wire brush to remove zinc salts and rust, then degrease with a residue-free solvent degreaser and allow to dry.

Preparing welds: Remove all slag and smooth all surface imperfections. Allow surface to cool, then degrease with a residue-free solvent degreaser and allow to dry. Apply LPS Cold Galvanize such that it overlaps the existing paint or galvanizing by at least 1".

Marginally prepared surfaces: Wire brush the paint blisters and rust to expose the bare metal. Degrease with a residue-free solvent degreaser and allow to dry. Apply LPS Cold Galvanize such that it overlaps the paint by at least 1".

HANDLING

Avoid all personal contact, including inhalation. Wear protective clothing when risk of exposure occurs. Use in a well-ventilated area. Prevent concentration in hollows and sumps. DO NOT enter confined spaces until atmosphere has been checked. Avoid smoking, naked lights or ignition sources. Avoid contact with incompatible materials. When handling, DO NOT eat, drink or smoke. DO NOT incinerate or puncture aerosol cans. DO NOT spray directly on humans, exposed food or food utensils. Avoid physical damage to containers. Always wash hands with soap and water after handling. Work clothes should be laundered separately. Use good occupational work practice. Observe manufacturer's storage and handling recommendations contained within this SDS. Atmosphere should be regularly checked against established exposure standards to ensure safe working conditions are maintained.

STORAGE

Store locked up. Protect from sunlight. Store in a well-ventilated place. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Store in a well-ventilated place. Keep container tightly closed.

DISPOSAL

Dispose of contents/container in accordance with local/regional/national/international regulations.

AVAILABLE PRODUCTS

Part No.	Net Contents	Container Type	Units/Case	Approximate Case Weight
00516	14 wt oz / 397 g / 336 mL	aerosol	12	15 lbs



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