

Technical Data Report

RAINBOW® ZINC COLD GALVANIZE

Product # 86010

DESCRIPTION

Rainbow® Zinc Cold Galvanize is a high quality, high solids, heavy duty zinc coating designed to give superior corrosion protection. Protects ferrous metal from oxidation by bonding with it electro-chemically. Prevents rust by galvanic action, dries to a flexible coating that bends without chipping. Can be used as a protective final coating or primer wherever iron or steel will be exposed to atmospheric or corrosive conditions.

APPLICATIONS

Areas of use include bus barns, refineries, pipe yards, oil rigs and industrial plants. For iron and steel surfaces, air conditioners, truck and auto fleets, automotive bodies, agriculture equipment, fences, metal roofs, metal buildings, metal fabricators, railroad equipment and marine equipment.

FEATURES & BENEFITS

- Will not crack, peel, or yellow even under extreme conditions
- 93% pure zinc after drying
- Provides excellent adhesion to all metal surfaces
- Coverage of 30 to 40 square feet per can at 1 mil thickness
- Dries to a flexible, paintable coating

SPECIFICATIONS

FORM: Solvent-Based Aerosol

ODOR: Solvent

COLOR: Gray

DETERGENCY: None

TOXICITY: 100 ppm OSHA TLV

WETTING ABILITY: N/A

STORAGE STABILITY: 1 Year

COLD STABILITY: 32°F

PHOSPHATES: None

TEMPERATURE TOLERANCE: Continuous 250°F
Intermittent 300°F

FLASH POINT: N/A

FLAME EXTENSION: 18"

SOLUBILITY IN WATER: Moderate

SPECIFIC GRAVITY: 1.23

% VOLATILE BY VOLUME: 66%

pH: N/A

PROPELLANT: Hydrocarbon

EVAPORATION RATE: Medium

BIODEGRADABILITY: No



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Woman-Owned Business Enterprise - Founded 1971

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LABEL INFORMATION

Rainbow® Zinc Cold Galvanize

This product is designed to protect iron and steel surfaces from rust and corrosion. Its high zinc content assures maximum protection on metal surfaces. Dries quickly to a hard film containing 93% zinc dust. Provides two way protection, first with the high zinc content protective coating, secondly with true galvanic action. Galvanic action is effective when surface is scratched, broken or dissipated and moisture is present. Easy to apply. Compares to a hot dip galvanize when applied as a 3 mil thickness. Formulated for use in presence of moisture, salts and acids.

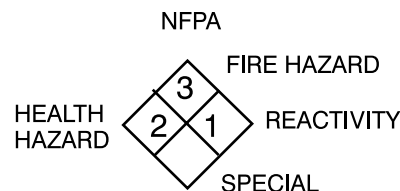
DIRECTIONS: Shake can for a full sixty (60) seconds after rattling of mixing ball begins. If application is to cover a large area, periodically shake can to insure uniform mixing of the contents. Surface to be sprayed should be clean and dry. Remove protective cap and point opening in spray nozzle towards surface to be sprayed. Holding can 10 to 12 inches from the surface, apply in thin, even coats until surface is completely covered. Allow 5 to 10 minutes after application before handling. After spraying, turn can upside down and spray until no more zinc is evident. This product is best applied at room temperature (70-80°F).

DANGER: Extremely Flammable Aerosol. Contains gas under pressure; may explode if heated. Causes skin and serious eye irritation. May cause drowsiness or dizziness. May be fatal if swallowed and enters airways.

Keep away from heat, sparks, open flames, and hot surfaces. –No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in a well-ventilated place. Wash hands thoroughly after handling. Wear protective gloves and eye protection. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash before reuse. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. Avoid breathing fumes, mist, vapors, and spray. Use only outdoors or in a well-ventilated area. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell. If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting. Store locked up. Dispose of contents and container in accordance with local, state, and national regulations.

CONTAINS (CAS#): Heptane (142-82-5), Zinc (7440-66-6), Propane/n-Butane (68476-86-8), Acetone (67-64-1), Organophilic Clay (N/A).

HEALTH	2
FLAMMABILITY	3
REACTIVITY	1
PERSONAL	B



PACKAGING INFORMATION

12 – 16 oz cans per case, 14 oz net weight