



Zinc Rich Cold Galvanizing Compound 065-017-015

PRODUCT DESCRIPTION

HUB Industrial Supply Zinc Rich Cold Galvanizing Compound is a high performance primer containing 97% pure zinc dust pigment. Stops rust by electro-chemical action on steel or galvanized coatings. The self-sacrificing zinc protects the base metal, preserving strength and prevents rust creepage when the area is penetrated or scratched. Can be topcoated for maximum durability.

USES

For use in automotive, marine, nuclear facilities, power plants and refineries.

- Industrial tanks
- Piping
- Welded joints
- Bridges
- Farm equipment
- Fences
- Wrought iron
- Gutters
- Structural steel
- Transmission towers
- Galvanized surfaces

APPLICATION

Must be applied directly to dry, clean metal or galvanized surfaces and not over any other paint or coating. Apply a heavy, wet coat to obtain proper thickness with no bare areas or pinholes. Double-lap spray all welds, corners, edges, etc. Important: Do not contaminate with water or acid.

Surface Preparation: Proper surface preparation contributes to maximum service life of coatings. All contaminants, millscale, rust, rust scale, chemicals, grease, oil, wax, old spatter, old paint or other foreign matter must be removed down to bare metal.

New Galvanized Metal: Oils, greases and waxes may be removed with mineral spirits or xylol. Stronger aromatic solvents such as xylol are recommended to remove silicone surface treatments. Silicates or white rust should be removed by sanding or sweep-blast. Do not use acetic acid or vinegar for surface preparation of galvanized metal. Keep surfaces moisture-free until coated with Zinc Rich Cold Galvanizing Compound. Spot reblast to remove any contamination-solvent wiping is not satisfactory.

APPLICATION CONT.

Previously Coated Surfaces: If coated surface has been scratched or penetrated to expose substrate, it should be treated as new galvanized metal. Previously coated surfaces in good condition should be treated to ensure a clean, dry surface, free of contaminants. Metal (iron or steel): Round off all rough welds, rivet heads and weld spatters. There are several methods of surface preparation depending upon the surface condition of the metal. Contaminants may be removed by wire brushing, chipping, scraping or sanding. If more effective cleaning is needed, power tools can be used. mil scale may be removed with acid. After treatment, surface must be rinsed thoroughly. Greases and other soluble materials can be removed with solvents such as mineral spirits, toluol and xylol, or by steam cleaning. If surface is particularly contaminated, several different methods of sand-blasting could be used.

DIRECTIONS FOR USE

- Remove all rust, scale, paint, grease or foreign matter. A good clean surface is necessary. Apply directly to DRY metal or galvanized surface and not over any other paint or coating. Product should be sprayed in a well ventilated area. Use at room temperature between 50°F (10°C) and 80°F (27°C) for best operation.
 - Turn can upside down. Hit sides lightly while rotating can in 1/4 turns until agitator ball breaks loose.
 - While holding can upright, alternately shake the can up and down and in a circle for 30-60 seconds until the agitator travels freely in the bottom.
- NOTE! INSUFFICIENT MIXING MAY CAUSE PRODUCT TO SETTLE AND PLUGGING TO OCCUR.**
- Press spray button firmly with the can 8" to 12" away from surface being coated. Move can with short dusting strokes, releasing button at the end of each stroke. Apply several thin coats.
 - For maximum performance in a highly corrosive environment, a topcoat is required.
 - To prevent clogging, hold can upside down and spray until only clear gas comes out.

TECHNICAL DATA

RESIN TYPE: Modified Epoxy
SHEEN: Low Gloss
% SOLIDS: 52%
DRY FILM WEIGHT:
ZINC DUST: 93.5%
RESIN: 6.5%
PIGMENT: Per ASTM D520,
Type I 97% Zinc Dust
SPECIFIC GRAVITY: 0.87
VOC: 25.9%
MIR: 1.18; cannot exceed 1.25
OTC & CALIFORNIA COMPLIANT: Yes
FLAMMABLE: Yes
FLASH POINT: < -4°F
RECOMMENDED FILM THICKNESS:
1 - 2.5 mils wet
COVERAGE PER AEROSOL:
Up to 15 ft²
SHELF LIFE: 3 years from date of
manufacture
DRYING TIME @ 72°F @ 50% R.H.
TO TOUCH: 5 minutes
TO HANDLE: 20 minutes
RECOAT: 2 to 16 hrs. or after 36 hrs.
CLEAN UP: Lacquer thinner
SIZE: 16 oz. size can -15 oz. net wt.

Meets or exceeds the following performance requirements:

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

RESISTANCE GUIDE

Meets ASTM A780 - 09(2015) Yes

- Highly resistant to salt corrosion and water
- May be top-coated with conventional finish coats
- Prevents rust creepage
- Equal performance to hot dipped galvanize
- Self-sacrificing

DRY HEAT RESISTANCE: 350°F constant

CHEMICAL RESISTANCE:	Moderate	Severe
Aliphatic hydrocarbon solvents:	X	
Alkalis:	X	
Aromatic hydrocarbon solvents:		X
Chlorinated solvents:		X
Salt water:		X
Glycol ethers, alcohols:		X
Inorganic acids:		X
Organic acids:		X
Oils:	X	

Resistance to fumes, splash and spillage; not immersion.



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