

MATERIAL SAFETY DATA SHEET

PRODUCT NAME Instant Cold Galvanize (Aerosol) #05048	# MSDS00.5048
MANUFACTURED BY: CRC CHEMICALS	Phone (215) 674-4300
885 LOUIS DRIVE, WARMINSTER, PA. 18974 Emergency phone # same as above	

1. INGREDIENTS	CAS #	ACGIH TLV	OSHA PEL	Other Limits	%
** Zinc Dust	7440-66-6	NA	NA		36.0
Epoxy Ester Resin	NA	NA			4.0
** Xylene	1330-20-7	100	100		10.0
** Methyl Ethyl Ketone	78-93-3	200	200		35.0
* Propane	74-98-6	NA	1000		15.0
** These chemicals found in Section 313 of SARA Title III and subject to release inventory reporting.					
* The propane functions as a propellant for this product.					

2. PHYSICAL DATA (Without propellant)

Specific Gravity NA	Vapor Pressure aerosol can 55 ± 5 psig	% Volatile 60
Boiling Point NA	Evaporation Rate Dries in 20-30 minutes	
Freezing Point NA	Vapor Density Heavier than air	
Appearance and Odor Gray, viscous liquid - solvent odor		
Solubility Soluble in most organic solvents		

3. FIRE AND EXPLOSION DATA

Flashpoint < 20°F	Method TCC	Flammable Limits NA
Extinguishing Media CO ₂ , Foam, Dry Chemical	LEL	UEL
Unusual Hazards Material reacts with water - Aerosol cans may explode if heated above 130°F.		

4. REACTIVITY AND STABILITY

Stability Stable
Hazardous decomposition products Carbon monoxide and carbon dioxide.
Materials to avoid Water, acids, strong acids

5. PROTECTION INFORMATION

Ventilation Mechanical required if sprayed in a confined area.	
Respiratory Self contained breathing apparatus if vapors exceed TLV.	
Gloves Solvent resistant	Eye & Face Safety goggles.
Other Protective Equipment Usually not required for aerosol use.	

6. HEALTH HAZARD DATA

Primary Routes of Entry Inhalation and Skin

Signs and Symptoms of Exposure

1. Acute Overexposure Inhalation - Headaches, dizziness, nausea and anesthesia. Eyes - Will cause eye irritation, Skin - Will cause drying and irritation of skin.

2. Chronic Overexposure May cause contact dermatitis - Could have effect on liver and kidney.

Medical Conditions Generally Aggravated by Exposure Breathing difficulties

Chemical Listed as Carcinogen or Potential Carcinogen

National Toxicology Program

Yes
No

IARC Monographs

Yes
No

OSHA

Yes
No

Emergency and First Aid Procedures (If symptoms persist, call a doctor)

1. Inhalation Remove to fresh air - apply artificial respiration if necessary.

2. Eyes Flush with water for at least 15 minutes.

3. Skin Wash with soap and water - Use skin cream.

4. Ingestion Do not induce vomiting - Call a physician.

7. SPILL OR LEAK PROCEDURES

Precautions to be taken in Handling and Storage

Store in a cool dry place.

Steps to be taken in case

Materials is released or spilled

Not normally a problem with aerosols - Ventilate and

absorb liquid - Remove sources of ignition.

Waste Disposal Partially used or filled aerosols are Hazardous Waste if discarded - Dispose of in conformance to Federal, State & Local regulations.

8. SPECIAL PRECAUTIONS AND USE DIRECTIONS

Aerosol containers may explode if exposed to temperatures in excess of 130°F. Due to the high density of the metallic zinc, the aerosol must be thoroughly agitated before use.

PREPARED BY: A. B. Reed

ORIGINAL DATE OR DATE OF REVISION

9-89