



LPS LABORATORIES
MSDS
MATERIAL SAFETY DATA SHEET

Section 1 - Product Identification and Use

Manufacturer's Name:
LPS Laboratories

Trade Name:
LPS Cold Galvanize

Street Address:
4647 Hugh Howell Road

Chemical Family:
Blended Compound

City, State, Zip:
Tucker, GA 30085-5052

Part Numbers:
00516, 05128

Telephone Number: 770-934-7800

Emergency Telephone Number: 1-800-424-9300 Chemtrec

Outside U.S.: 703-527-3887

Hazardous Materials Description and proper shipping name (49 CFR 172.101):

Aerosol: CONSUMER COMMODITY ORM-D NMFC 50093 SUB 2 CL55

Bulk: Paint (Flammable Liquid), 3, UN 1263, PG III

TSCA Inventory:
All of the ingredients are listed on the TSCA inventory.

HMIS Labeling:

Health:	2
Flammability:	3
Reactivity:	0

Section 2 - Hazardous Ingredients / Identity Information

Ingredients	CAS Numbers	%		OSHA PEL	ACGIH TLV	OTHER LIMITS
		Aerosol	Bulk			
Zinc Metal	7440-66-6	30-50	50-70	15mg/m3*	10mg/m3*	None
Epoxy Ester Resin	-	1-5	1-5	N.E.	N.E.	None
Xylene	1330-20-7	10-20	20-30	100 ppm	100 ppm	150 ppm STEL
Acetone (Aerosol only)	67-64-1	20-40	-	N.E.	750 ppm	1000 pmSTEL
Propane/Isobutane (Aerosol only)	68476-85-7	10-20	-	1000 ppm	N.E.	None

* nuisance dust

Section 3 - Physical / Chemical Characteristics

Boiling point (F°):	281°F	Specific gravity (H2O = 1):	2.10
Vapor pressure (mmHg) @100°F :	21	Percent volatile by volume (%):	57
Vapor density (Air = 1)	>2	Evaporation rate (n-Butyl Acetate = 1):	0.6
Solubility in water:	Nil		

Appearance and odor: Gray opaque liquid, solvent odor.

Section 4 - Fire and Explosion Hazard

Flash point (method used): 80°F (Bulk) TCC **Flammable limits (of diluent): LEL:** 1.2% **UEL:** 7.0%

Extinguishing media: Foam, dry chemical, carbon dioxide.

Special fire fighting procedures: Keep containers cool. Treat as Xylene.

Unusual fire and explosive hazards: Intensive heat created by fire will cause aerosols to burst.

Section 5 - Health Hazard Data

N.E. = Not established
N.A. = Not applicable

Primary route(s) of entry: Inhalation, eyes

Health hazard/effects of over exposure:

Inhalation: May cause CNS depression seen as headache, dizziness, nausea and anesthetic effects.

Eyes: Irritation.

Skin: Repeated or prolonged contact may cause drying of skin.

Ingestion: Can cause severe gastrointestinal distress. Aspiration into the lungs can cause chemical pneumonia which can be fatal.

Medical conditions aggravated by exposure: Pre-existing eye and skin disorders may be aggravated by exposure to acetone.

Chemicals listed as potential carcinogen: **NTP:** No **IARC:** No **OSHA:** No

Emergency and first aid procedures:

Inhalation: Move to fresh air. Contact physician. Administer oxygen if breathing is difficult.

Eyes: Flush eyes with plenty of water and contact physician.

Skin: Wash with soap and water; apply medicated skin cream.

Ingestion: Do not induce vomiting. Contact physician immediately. Minute amounts aspirated into lungs during ingestion may cause pulmonary injury.

Section 6 - Reactivity Data

Stability: Stable **Conditions to avoid:** Avoid sparks or open flames. See handling and storage precautions.

Incompatibility (Materials to avoid): Strong oxidizing agents.

Hazardous decomposition products: Thermal decomposition may yield carbon monoxide and zinc oxide.

Hazardous polymerization: Will not occur.

Section 7 - Precautions for Safe Handling and Use

Steps to be taken in case material is released or spilled: Ventilate area by opening doors and windows. Remove ignition sources. Remove leaking container and transfer remaining product to another vessel. Prevent product from going into sewers and water sources by diking or impounding. Using appropriate safety equipment, mop up or soak up with absorbent material, such as sand or clay.

Waste disposal methods: Dispose of in accordance with local, state and federal regulations.

RCRA Hazardous Waste No.: This material has the RCRA characteristic of ignitability and if discarded in its purchased form, would have the hazardous waste number D001.

CERCLA Reportable Quantity: 1,000 Lbs.

SARA TITLE III Chemicals: Yes: CAS# 7440-66-6, CAS# 1330-20-7

Precautions to be taken in handling and storage: Store as Level 2 Aerosol (NFPA 30B). Store bulk below 110°F and above 32°F. Store away from ignition sources and avoid breathing vapors and mist. Avoid prolonged or repeated contact with skin.

Section 8 - Control Measures

Respiratory Protection: None required if good ventilation is maintained. For enclosed areas, use NIOSH approved organic vapor cartridge respirator or self-contained breathing apparatus.

Ventilation: Local exhaust is usually adequate. However, mechanical ventilation should be used when spraying in enclosed areas. Vapor concentration should be minimized as much as possible.

Protective gloves: Use solvent resistant gloves for brushing and spraying.

Eye protection: Use face shield, goggles or safety glasses.

Other protective equipment: None.

Work/hygienic practices: Wash hands with soap and water after use and/or before breaks, lunch and at the end of work periods. Remove contaminated clothing and launder before reuse.

Section 9 - Preparation Date of MSDS

The foregoing technical information and recommendations are compiled from sources that are believed to be accurate and reliable. However, they are supplied without warranty or guarantee of any kind either expressed or implied. The purchaser is responsible for selecting and determining the suitability of products for purchaser's particular needs and we disclaim any responsibility for improper applications or misuse of our products in any manner whatsoever.

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Form # 2505
LPS Cold Galvanize
