

MATERIAL SAFETY DATA SHEET

Product Identification: **CLEARCO SILVERCOAT BRIGHT GALVANIZE SPRAY**

Manufactured By:

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SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS / COMPONENTS	CAS Number	OSHA PEL (ppm)	ACGIH TLV (ppm)	% Weight
Zinc Dust	7440-66-6	N/E	N/E	25 TO 30
Liquefied Petroleum Gas LPG	68476-85-7	1,000	1,000	25 t0 30
Methyl Ethyl Ketone	78-93-3	200	200	20 to 25
Urethane Polymer	Trade Secret	N/E	N/E	<5
Mineral Spirits	8052-41-3	100	100	<5
Aluminum	7429-90-5	10	10	<5
Xylene	1330-20-7	100	100	<5
Organoclay	71011-24-0	N/E	N/E	<1
Tetraethyl Silicate	78-10-4	10	10	<1

SECTION 3 HAZARDS IDENTIFICATION

Contents are Extremely Flammable and Under Pressure. Store below 120 deg F., out of sunlight and away from heat sources. Do not puncture or incinerate. Avoid contact with skin and eyes. Vapor harmful. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

HMIS RATING: Health-1 Reactivity-0 Flammability-3 Protective Equipment-B

POTENTIAL HEALTH EFFECTS:

EYE CONTACT: Liquid or vapors cause redness, burning, tearing, swelling, and/or pain.
SKIN CONTACT: Frequent or prolonged contact can result in defatting and drying of the skin, which may result in skin irritation and dermatitis (rash).
INHALATION: Prolonged or repeated overexposure is anesthetic. May cause irritation of the respiratory tract, or acute nervous system depression characterized by headache, dizziness, staggering gait, or confusion.
INGESTION: Due to being an aerosol, product does not lend itself to ingestion. Should actual ingestion occur, it may cause irritation to membranes of the mouth, throat, and gastrointestinal tract, resulting in vomiting and/or cramps.
CARCINOGEN DATA: None of the ingredients in this product are listed with OSHA, IARC or NTP as being carcinogenic.

MEDICAL CONDITIONS AGGRAVATED: Skin contact may aggravate an existing dermatitis. Others unknown.

PRIMARY ROUTES OF ENTRY: Inhalation, Dermal.

SECTION 4 FIRST AID MEASURES

EYE CONTACT: Immediately flush eyes with water for 15 minutes. Make sure to flush under the eyelids. If irritation persists, get medical attention.
SKIN CONTACT: Remove with soap and water. Continue flushing with water for several minutes. Use skin cream to counter resulting dryness. Consult a physician if irritation persists or if large skin area is affected.
INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if symptoms persist or if unconscious.
INGESTION: Unlikely due to being in an aerosol form. Should actual ingestion occur, **DO NOT INDUCE VOMITING.** Drink a glass of water or milk to dilute. Call a Physician or poison control immediately! Never give anything by mouth to an unconscious person.

SECTION 5 FIRE-FIGHTING MEASURES

Flash Point (Propellant): <0degrees F
Flammability Limits: LEL: 1.8% UEL: 9.5%

Extinguishing Media: For warehouse and storage conditions, use NFPA Class B extinguishers (CO2, dry chemical or universal aqueous film forming foam).

Special Fire Fighting Procedures: Use water spray to cool fire exposed aerosol containers for containers can rupture violently from heat developed pressure.

Unusual Fire & Explosion Hazards: Contents are under pressure and extremely flammable. In addition, when liquid or vapor comes into contact with flames or red hot metal, products of combustion will be created. Firemen should wear self-contained breathing apparatus

SECTION 6 ACCIDENTAL RELEASE MEASURES

CONTAINMENT PROCEDURES: Product is an aerosol, therefore spills and leaks are unlikely. In case of rupture, release content should be contained as any other solvent spill.

SPILL CLEANUP: Spills from aerosol cans are unlikely and are generally of small volume. Large spills are therefore not normally considered a problem. In case of actual rupture, avoid breathing vapors and ventilate area well. Remove all sources of ignition and use non-sparking equipment. Soak up material with inert absorbent and place in safety containers for proper disposal.

SPECIAL INSTRUCTIONS: Aerosol products represent a limited hazard and will not spill or leak unless ruptured. In case of rupture, contents are generally evacuated from the can rapidly. Area should be ventilated immediately and continuous ventilation provided until all fumes and vapors have been removed. **Aerosol can should never be incinerated or burned.** See Section 13 for disposal considerations.

REPORTING REQUIREMENTS: Spills due to the rupture of a single aerosol can are generally below any regulatory reporting requirements. However, if larger spills somehow result, the reporting requirements of the EPA and other local, state and federal agencies should be observed.

SECTION 7 STORAGE AND HANDLING

Avoid prolonged or repeated skin contact. Avoid breathing vapors. Store in area below 120 degrees F. Do not incinerate or burn containers. Assure that can is in a secure place to prevent knocking over and accidental rupture. Always replace over cap when not in use. For storage of pallet quantities, compliance with ANSI / NFPA 30B is recommended.

SECTION 8 EXPOSURE CONTROL / PERSONAL PROTECTION

Respiratory Protection : Atmospheric levels should be maintained below the exposure guideline. When respiratory protection is required an appropriate NIOSH approved respirator for organic vapor should be worn. If respirators are needed, a program must be established to assure compliance with OSHA standard 29 CFR 1910.134.

Skin Protection: For brief contact, no precautions other than clean body-covering clothing should be needed. When prolonged or repeated contact could occur, use protective clothing such as Sol-Vex gloves or other clothing impervious to the ingredients listed in section 2.

Eye Protection: Safety glasses with side shields are recommended as a minimum for any type of industrial chemical handling. Where eye contact with this material could occur, chemical splash proof goggles are recommended.

Exposure Guideline: Since this product is a mixture, an OSHA or ACGIH exposure value is not available. In determination of any exposure procedure, protection or testing, the lowest rated ingredient from Section 2 should be used.

Engineering Controls: General ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Local exhaust ventilation or an enclosed handling system may be needed to control air contamination below that of the lowest TLV/PEL rated ingredient from Section 2.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: No Data
Vapor Pressure: No Data
Vapor Density (Air = 1): Above 1.0
Solubility in Water: Negligible
Appearance & Odor: Straw- Silvery liquid with a paint-like odor

Specific Gravity (H₂O = 1): Below 1.0
Evaporation Rate: Rapid
Percent Volatile: 58.0% Wt. Max.

SECTION 10 STABILITY AND REACTIVITY

Stability: Stable
Conditions to Avoid: Heat, sparks, flame, red hot metal
Hazardous Polymerization: Will not occur
Conditions to Avoid: Not Applicable
Incompatibility (Materials to Avoid): Strong oxidizing agents
Decomposition Products: Oxides of carbon and possible trace silicon dioxide

SECTION 11 TOXICOLOGICAL INFORMATION

Please refer to Section 3 for available information on potential health effects.

SECTION 12 ECOLOGICAL INFORMATION

This product has not been tested for environmental effects.

SECTION 13 DISPOSAL CONSIDERATIONS

An aerosol container that does not contain a significant amount of liquid would meet the definition of scrap metal (40 CFR 261.1 © (6), and would be exempt from RCRA regulation under 40 CFR 261.6(1)(3)(iv) if it to be recycled. If containers are to be disposed of (not recycled) it must be managed under all applicable RCRA and state regulations.

SECTION 14 SHIPPING HAZARD DATA

DOT Proper Shipping Name	Consumer Commodity	IATA UN/ID Number	ID8000
DOT Hazard Classification	ORM-D	IATA Class or Division	9
DOT Identification Number		IATA Proper Shipping Name	Consumer Commodity
		IATA Labels	Miscellaneous

IMDG	UN1950
IMDG Class	2.1
IMDG Proper Shipping Name	Aerosols
IMDG Labels	Flammable Gas

Section 313: This product contains the following toxic chemical subject to the reporting requirements of section 313 of the Emergency Planning and Community Right to Know Act of 1986 and of 40 CFR 372:

Toulene	Cas# 108-88-3	25%
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SECTION 15 REGULATORY INFORMATION

Toxic Substances Control Act: All of the ingredients in this product are on the TSCA inventory.
SARA Title III, Section 313: The following ingredients are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372: Methyl Ethyl Ketone (24.6%), Xylene (1.5%)
Clean Air Act (CAA): The following ingredients appear on the List of hazardous Air Pollutants (HAP-42 USC 7412, Title I, Part A, p112): Methyl Ethyl Ketone, Xylene
Clean Water Act (CWA): The following ingredients appear on the CWA List of hazardous Substances (40 CFR 116.4): Xylene
California Proposition 65: the following ingredients appear on the Proposition 65 List(s): None
Canadian Workplace Hazardous Materials Information System (WHMIS): the following ingredients are listed: Methyl Ethyl Ketone, Xylene.

SECTION 16 OTHER INFORMATION

This information relates to the specific material designed and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information nor do we offer warranty against patent infringement.