



Canadian Material Safety Data Sheet

SECTION 1 - Product Information

Product Identifier: 7008VG LOW VOC Brite Galvanize Coating 65% Zinc Rich

Product Use: Prevent Rust and Corrosion

Manufacturer's Name: Aervoe Industries Inc.

Address: 1100 Mark Circle, Gardnerville, NV 89410

Emergency Phone: 1-800-424-9300

SECTION 2 - Hazardous Ingredients

Hazardous Ingredients	Weight %	CAS Number	LD ₅₀ of Ingredient (species & route)	LC ₅₀ of Ingredient (species)
Zinc	15 - 40	7440-66-6	N / AV	N / AV
Oxsol	15 - 40	98-56-6	6.8 g / kg (Rat-Oral)	4479 ppm / 4 hr (Rat-Inha)
Acetone	15 - 40	67-64-1	5800 mg / kg (Rat-Oral)	21000ppm / 8 hr (Rat-Inha)
Ethyl Benzene	0.5 - 1.5	100-41-4	N / AV	N / AV
*Xylene	1-5	1330-20-7	4300 mg / kg (Rat-Oral)	6700ppm / 4 hr (Rat-Inha)
Mineral Spirits	1-5	8052-41-3	N / AV	N / AV

SECTION 3 - Physical Data

Physical State: Liquid
Boiling Point: 133° F (56° C)
Vapor Density (air = 1): Heavier than air
Odor and Appearance: Metallic gray with hydrocarbon odor
Coefficient of Water/Oil Distribution: N / AV

Specific Gravity: 1.2
Freezing Point: N / AV
Vapor Pressure (psig): N / AV
Odor Threshold (ppm): N / AV

Evaporation Rate: Slower than n-Butyl Acetate
pH: N / AP

SECTION 4 - Fire and Explosion Data

Flammability: Flammable liquid under conditions of sparks, flame, or excessive heat.
Means of Extinction: *Extinguishing Media* - Carbon dioxide, foam, dry chemical, water spray. *Firefighting Procedures* - Closed containers may rupture due to pressure build up from extreme temperature. Use water spray to cool containers to prevent pressure build up. Self-contained breathing apparatus should be used if product is involved in fire.
Flashpoint: 48° F (9° C) **Method Used:** PMCC **Flammable Limits - LFL:** .7% **UFL:** 15%
Autoignition Temperature: N / AV **Hazardous Combustion Products:** Carbon Monoxide, Carbon Dioxide.
Explosion Data - Sensitivity to Mechanical Impact: No
Explosion Data - Sensitivity to Static Discharge: Material can accumulate static charges. Bond and ground container when pouring.

SECTION 5 - Reactivity Data

Chemical Stability: Stable
Reactivity & Conditions: None

Incompatibility with Other Substances: Strong oxidizing agents, strong acids or bases.
Hazardous Decomposition Products: None

SECTION 6 - Toxicological Properties

Primary Routes of Entry: Skin Contact, Skin Absorption, Eye Contact, Inhalation, Ingestion

Effects of Acute Exposure to Product:

Skin Contact - Irritation.

Skin Absorption - Irritation.

Eye Contact - Irritation.

Inhalation - Irritation. May cause dizziness, light-headedness and / or headaches.

Ingestion - May be harmful or fatal if swallowed.

Effects of Chronic Exposure to Product: Reports have associated repeated and prolonged exposure to solvents with permanent brain and nervous system damage. Repeated overexposure can also damage kidneys, lungs, liver, heart and blood.

Exposure Limits (TLV):

Zinc	N / AV - ACGIH 2005
Acetone	500 ppm TWA and 750 ppm STEL - ACGIH 2005
Ethyl Benzene	100ppm TWA and 125ppm STEL - ACGIH 2005
Xylene	100 ppm TWA and 150 ppm STEL - ACGIH 2005
Mineral Spirits	100 ppm TWA - ACGIH 2005
Oxsol	N / AV - ACGIH 2005

Irritancy: Skin, eyes, and respiratory tract.

Sensitization: N / AV

Carcinogenicity: The ingredients are not listed as a human carcinogen by IARC, ACGIH, NTP, or OSHA.

Reproductive Toxicity: N / AV

Teratogenicity: N / AV

Mutagenicity: N / AV

Synergistic Products: N / AV

SECTION 7 - Preventive Measures

Personal Protective Equipment (PPE): Gloves - Yes Respirator - Yes Eye - Yes Footwear - No Clothing - No Other - No
Skin Protection - Chemical resistant gloves such as Neoprene or Nitrile rubber.

Respiratory Protection - In areas with poor ventilation, use a NIOSH approved Organic Vapor Cartridge Respirator.

For concentrations above the TLV (as defined in Section 6), use a positive air supplied respirator.

Eye Protection - Safety glasses or goggles.

Engineering Controls: General ventilation to maintain exposure limits below TLV's as defined in Section 6.

Leak and Spill Procedure: Remove all sources of ignition. Ventilate area. Prevent from entering a watercourse. Use an inert absorbent material and non-sparking type tools.

Waste Disposal: Dispose of in accordance with local, state/provincial or territorial, and federal regulations. Do not incinerate closed containers.

Handling Procedures and Equipment: Do not use near heat, sparks, or open flame. Use PPE as defined in Section 7.

Storage Requirements: Do not store near heat, sparks, flame.

SECTION 8 - First Aid Measures

Inhalation: Remove from exposure, seek medical attention if signs/symptoms persist.

Ingestion: Do NOT induce vomiting, drink plenty of water, seek medical attention.

Skin Contact: Wash affected area with soap and water, remove contaminated clothing, seek medical attention if irritation persists.

Eye Contact: Flush immediately with water for 15 minutes, seek medical attention if irritation persists.

SECTION 9 - Preparation Information

Prepared by: Technical Department

Telephone Number: 775-783-3100

Preparation Date: 6-2-10

THE INFORMATION CONTAINED HEREIN IS BELIEVED TO BE ACCURATE BUT IS NOT WARRANTED TO BE SO. NOTHING CONTAINED HEREIN CONSTITUTES A SPECIFICATION NOR IS IT INTENDED TO WARRANT SUITABILITY FOR THE INTENDED USE.

NOTE: N / AP = Not Applicable N / AV = Not Available

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