



Canadian Material Safety Data Sheet

SECTION 1 - Product Information

Product Identifier: 7008 Brite Galvanize Coating 65% Zinc Rich (formerly Aervoe 142)**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
Acetone	15 - 40	67-64-1	5800 mg / kg (Rat-Oral)	21000 ppm / 8 hr (Rat)
Aliphatic Petroleum Distillates	7 - 13	64742-89-8	N / AV	N / AV
Xylene	1 - 5	1330-20-7	4300 mg / kg (Rat-Oral)	6700 ppm / 4 hr (Rat)
n-Butyl Acetate	1 - 5	123-86-4	N / AV	N / AV

SECTION 3 - Physical Data

Physical State: Liquid **Specific Gravity:** 1.2 **Evaporation Rate:** Slower than n-Butyl Acetate
Boiling Point: 133° F (56° C) **Freezing Point:** N / AV **pH:** N / AP
Vapor Density (air = 1): Heavier than air **Vapor Pressure (psig):** N / AV
Odor and Appearance: Metallic gray with hydrocarbon odor **Odor Threshold (ppm):** N / AV
Coefficient of Water/Oil Distribution: N / AV

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 **Incompatibility with Other Substances:** Strong oxidizing agents, strong acids or bases.
Reactivity & Conditions: None **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 2001
Acetone 500 ppm TWA and 750 ppm STEL - ACGIH 2005
Aliphatic Petroleum Distillates N / AV - ACGIH 2005
Xylene 100 ppm TWA and 150 ppm STEL - ACGIH 2005
n-Butyl Acetate 150 ppm TWA and 200 ppm STEL - 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:** 11-10-11

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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