



**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 <sub>50</sub> of Ingredient (species & route)	LC <sub>50</sub> 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	3 - 7	1330-20-7	4300 mg / kg (Rat-Oral)	6700 ppm / 4 hr (Rat)
Aliphatic Hydrocarbon	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  
**Evaporation Rate:** Slower than n-Butyl Acetate  
**pH:** N / AP  
**Vapor Pressure (psig):** N / AV  
**Odor Threshold (ppm):** 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
Aliphatic Hydrocarbon	100 ppm TWA - 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:** 6-2-10

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

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