



## SECTION 1 - Product Information

**Product Identifier:** 7007 Cold Galvanizing Compound  
**Product Use:** Galvanizing Paint  
**Manufacturer's Name:** AerVOE Industries Inc.  
**Address:** 1198 Mark Circle, Gardnerville, NV 89410  
**Emergency Phone:** 1-800-424-9300  
**Preparation Date:** November 22, 2006

## 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	30 - 60	7440-66-6	N / AV	N / AV
Hydrocarbon Propellant	10 - 30	68476-86-8	N / AV	N / AV
Aliphatic Petroleum Distillates	10 - 30	64742-89-8	> 2.84 g / kg (Rat-Dermal)	15,000 ppm / 4 hr (Rat)
Methyl Ethyl Ketone	5 - 10	78-93-3	N / AV	N / AV

## SECTION 3 - Physical Data

**Physical State:** Aerosol  
**Boiling Point:** N / AP  
**Vapor Density (air = 1):** Heavier than air  
**Odor and Appearance:** Aromatic odor / Metallic gray liquid  
**Specific Gravity:** 1.4  
**Freezing Point:** N / AV  
**Vapor Pressure (psig):** 45 to 55  
**Evaporation Rate:** Faster than n-Butyl Acetate  
**pH:** N / AP

## SECTION 4 - Fire and Explosion Data

**Flammability:** Flammable aerosol under conditions of sparks, flame, or excessive heat.  
**Means of Extinction:** *Extinguishing Media* - Carbon dioxide, dry chemical, water spray. *Firefighting Procedures* - Treat as cylinders of compressed gas. 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:** < 0° F (-18° C)      **Method Used:** Estimated      **Flammable Limits - LFL:** 0.9%      **UFL:** 11.5%  
**Autoignition Temperature:** N / AV      **Hazardous Combustion Products:** Carbon Monoxide, Carbon Dioxide.  
**Explosion Data - Sensitivity to Mechanical Impact:** No      **Explosion Data - Sensitivity to Static Discharge:** No

## 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

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

## 7007 Cold Galvanizing Compound

### SECTION 6 - Toxicological Properties

**Primary Routes of Entry:** Skin Contact, Eye Contact, Inhalation

**Effects of Acute Exposure to Product:**

*Skin Contact* - Irritation.

*Eye Contact* - Irritation.

*Inhalation* - Irritation. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

**Effects of Chronic Exposure to Product:** Dermatitis. Reports have associated repeated and prolonged overexposure 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

Hydrocarbon Propellant N / AV - ACGIH 2005

Aliphatic Petroleum Distillates N / AV - ACGIH 2005

Methyl Ethyl Ketone 200 ppm TWA and 300 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 or above 120° F (49° C).

**Special Shipping Information:** Consumer Commodity ORM-D.

### SECTION 8 - First Aid Measures

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

**Ingestion:** Do not induce vomiting. Contact physician or poison control center immediately.

**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:** 775-782-0100

**Preparation Date:** November 22, 2006

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