



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

SECTION 2 - Hazardous Ingredients

Hazardous Ingredients	Weight %	CAS Number	LD ₅₀ of Ingredient (species & route)	LC ₅₀ of Ingredient (species)
Zinc	75 - 85	7440-66-6	N / AV	N / AV
Aliphatic Hydrocarbon	10 - 30	64742-47-8	N / AV	N / AV

SECTION 3 - Physical Data

Physical State: Liquid
Boiling Point: 316° to 351° F (158° to 177° C)
Vapor Density (air = 1): Heavier than air
Odor and Appearance: Hydrocarbon odor / Gray liquid
Coefficient of Water/Oil Distribution: N / AV

Specific Gravity: 2.7
Evaporation Rate: Slower than n-Butyl Acetate
Freezing Point: N / AV **pH:** N / AP
Vapor Pressure (psig): N / AV
Odor Threshold (ppm): N / AV

SECTION 4 - Fire and Explosion Data

Flammability: Yes - Combustible liquid under conditions of sparks, flame, or excessive heat.
Means of Extinction: *Extinguishing Media* - Carbon dioxide, dry chemical, water spray. *Firefighting Procedures* - Closed containers may rupture due to pressure build up from extreme temperature. Use water to cool containers to prevent pressure build up. Self-contained breathing apparatus should be used if product is involved in fire.
Flashpoint: 102° F (39° C) **Method Used:** PMCC **Flammable Limits - LFL:** 1.4% **UFL:** 8.1%
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

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

Primary Routes of Entry: Skin Contact, Skin Absorbtion, Eye Contact, Inhalation, Ingestion
Effects of Acute Exposure to Product:
Skin Contact - Irritation.
Skin Absorbtion - Irritation.
Eye Contact - Irritation.
Inhalation - Irritation. May cause dizziness, light-headedness and / or headaches.
Ingestion - Low toxicity. May cause chemical pneumonia if aspirated into lungs.
Effects of Chronic Exposure to Product: Dermatitis.

Exposure Limits (TLV):
Zinc N / AV - ACGIH 2005
Aliphatic Hydrocarbon 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 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, 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:** 775-782-0100 **Preparation Date:** 06-19-08

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