



## Canadian Material Safety Data Sheet



## SECTION 1 - Product Information

Product Identifier: Zynolyte Multi-Purpose Primer

Z8070 Dark Gray	Z8077 Green
Z8072 Gray	Z8078 Black
Z8074 Red Oxide	Z8079 Yellow
Z8076 White	

Product Use: Primer Paint

Manufacturer's Name: Aervoe Industries Inc.

Address: 1100 Mark Circle, Gardnerville, NV 89410

Emergency Phone: 1-800-424-9300

Preparation Date: February 15, 2011

## SECTION 2 - Hazardous Ingredients

Hazardous Ingredients	Weight %	CAS Number	LD <sub>50</sub> of Ingredient (species & route)	LC <sub>50</sub> of Ingredient (species)
n-Butyl Acetate	10 - 30	123-86-4	N / AV	N / AV
Aliphatic Petroleum Distillates	3 - 7	64742-89-8	N / AV	N / AV
Methyl Propyl Ketone	1 - 5	107-87-9	N / AV	N / AV
<b>Z8072 and Z8076 Contain:</b>				
Acetone	5 - 10	67-64-1	5800 mg / kg (Rat-Oral)	21000 ppm / 8 hr (Rat)
n-Butyl Acetate	5 - 10	123-86-4	N / AV	N / AV
Aliphatic Petroleum Distillates	3 - 7	64742-89-8	N / AV	N / AV
Methyl Propyl Ketone	3 - 7	107-87-9	N / AV	N / AV

## SECTION 3 - Physical Data

Physical State: Aerosol      Specific Gravity: 1.4      Evaporation Rate: Slower than n-Butyl Acetate  
Boiling Point: 213 to 280°F (100 to 138° C)      Freezing Point: N / AV      pH: N / AP  
Vapor Density (air = 1): Heavier than air      Vapor Pressure (psig):  
Odor and Appearance: Opaque with a hydrocarbon odor      Odor Threshold (ppm): N / AV  
Coefficient of Water/Oil Distribution: N / AV

## SECTION 4 - Fire and Explosion Data

**Flammability:** Yes - Flammable aerosol under conditions of sparks, flame, or excessive heat.  
**Means of Extinction:** *Extinguishing Media* - Carbon dioxide, foam, dry chemical. *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:** 43° F (6° C)      **Method Used:** Estimated      **Flammable Limits - LFL:** 0.7%      **UFL:** 10.4%  
**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.  
**Reactivity & Conditions:** None      **Hazardous Decomposition Products:** None  
NOTE: N / AP = Not Applicable      N / AV = Not Available

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

Effects of Chronic Exposure to Product: Dermatitis.

## Exposure Limits (TLV):

Acetone	500 ppm TWA and 750 ppm STEL - ACGIH 2005
n-Butyl Acetate	150 ppm TWA and 200 ppm STEL - ACGIH 2005
Aliphatic Petroleum Distillates	N / AV - ACGIH 2005
Methyl Propyl Ketone	200 ppm TWA and 250 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, 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: 2-15-2011

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