



Canadian Material Safety Data Sheet

SECTION 6 - Toxicological Properties

SECTION 1 - Product Information

Product Identifier:

701 Traffic White Supreme	710 Traffic White	720 Traffic Yellow	740 Traffic Orange	760 Traffic Green
702 Traffic Yellow Supreme	715 Field White	730 Traffic Red	750 Traffic Blue	770 Asphalt Black

Product Use: Ground Striping Paint
Manufacturer's Name: Aervoe Industries Inc.
Address: 1100 Mark Circle, Gardnerville, NV 89410
Emergency Phone: 1-800-424-9300
Preparation Date: May 24, 2010

SECTION 2 - Hazardous Ingredients

Hazardous Ingredients	Weight %	CAS Number	LD ₅₀ of Ingredient (species & route)	LC ₅₀ of Ingredient (species)
Hydrocarbon Propellant	10 - 30	68476-86-8	N / AV	N / AV
Hexane	7 - 13	110-54-3	2870 mg / kg (Rat-Oral)	N / AV
Acetone	1 - 5	67-64-1	5800 mg / kg (Rat-Oral)	21000 ppm / 8 hr (Rat)
Aliphatic Petroleum Distillates	1 - 5	64742-89-8	> 2.84 g / kg (Rat-Dermal)	15,000 ppm / 4 hr (Rat)
Aliphatic Petroleum Distillates	1 - 5	64742-88-7	N / AV	N / AV
Aliphatic Hydrocarbon	1 - 5	8052-41-3	N / AV	N / AV
Ethyl Acetate	1 - 5	141-78-6	N / AV	N / AV
Glycol Ether EB Acetate	1 - 5	112-07-2	N / AV	N / AV

SECTION 3 - Physical Data

Physical State: Aerosol
Boiling Point: N / AP
Vapour Density (air = 1): Heavier than air
Odor and Appearance: Hydrocarbon odor / Opaque liquid

Specific Gravity: 0.8 to 0.9
Freezing Point: N / AV
Vapour Pressure (psig): 35 to 55

Evaporation Rate: Faster than n-Butyl Acetate
pH: N / AP

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, 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:** 0.7% **UFL:** 12.8%
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
Reactivity & Conditions: None

Incompatibility with Other Substances: Strong oxidizing agents.
Hazardous Decomposition Products: None

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

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. 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):

Hydrocarbon Propellant	N / AV - ACGIH 2005
Hexane	50 ppm TWA (Skin) - ACGIH 2005
Acetone	500 ppm TWA and 750 ppm STEL - ACGIH 2005
Aliphatic Petroleum Distillates	N / AV - ACGIH 2005
Aliphatic Hydrocarbon	100 ppm TWA - ACGIH 2005
Ethyl Acetate	400 ppm TWA - ACGIH 2005
Glycol Ether EB Acetate	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, 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: May 24, 2010

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