

# Aerove Construction Marking Paint - Aerosol

## Canadian Material Safety Data Sheet



### SECTION 1 - Product Information

**Product Identifier:** Construction Marking Paint

#### Fluorescent Colors

246 Red  
247 Orange  
248 Green  
249 Pink  
250 Blue  
253 Yellow  
283 Red-Orange

#### Non-Fluorescent Colors

251 Black  
252 Yellow  
254 Blue  
255 White  
256 Red  
257 Orange  
258 Hi Vis Yellow  
259 Green  
260 Purple

**Product Use:** Ground Marking Paint

**Manufacturer's Name:** Aerove Industries Inc.

**Address:** 1100 Mark Circle, Gardnerville, NV 89410

**Emergency Phone:** 1-800-424-9300

**Preparation Date:** August 12, 2009

### SECTION 2 - Hazardous Ingredients

Hazardous Ingredients	Weight %	CAS Number	LD <sub>50</sub> of Ingredient (species & route)	LC <sub>50</sub> of Ingredient (species)
Propane	10 - 30	74-98-6	N / AV	N / AV
Aliphatic Petroleum Distillates	7 - 13	64742-89-8	N / AV	N / AV
n-Butane	3 - 7	106-97-8	N / AV	N / AV
Aliphatic Petroleum Distillates	1 - 5	64742-88-7	N / AV	N / AV
Isobutane	1 - 5	75-28-5	N / AV	57 pph / 15 min (Rat)
<b>Non-Fluorescent Colors also contain:</b>				
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)
<b>Fluorescent Colors also contain:</b>				
Propylene Glycol	1 - 5	57-55-6	20,000-34,000 mg / kg (Rat-Oral) > 10,000 mg / kg (Rabbit-Skin)	N / AV

### SECTION 3 - Physical Data

**Physical State:** Aerosol

**Boiling Point:** N / AP

**Vapor Density (air = 1):** Heavier than air

**Odor and Appearance:** Hydrocarbon odor / Opaque liquid

**Coefficient of Water/Oil Distribution:** N / AV

**Specific Gravity:** 0.9

**Freezing Point:** N / AV

**Vapor Pressure (psig):** 35 to 55

**Evaporation Rate:** Faster than n-Butyl Acetate

**pH:** N / AP

**Odor Threshold (ppm):** N / AV

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### 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)

**Autoignition Temperature:** N / AV

**Explosion Data - Sensitivity to Mechanical Impact:** No

**Method Used:** Estimated

**Hazardous Combustion Products:** Carbon Monoxide, Carbon Dioxide.

**Explosion Data - Sensitivity to Static Discharge:** No

**Flammable Limits - LFL:** 0.9% **UFL:** 13.0%

### SECTION 5 - Reactivity Data

**Chemical Stability:** Stable

**Reactivity & Conditions:** None

**Incompatibility with Other Substances:** Strong oxidizing agents.

**Hazardous Decomposition Products:** None

### 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. 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):**

Propane 2500 ppm TWA - ACGIH 2005  
Aliphatic Petroleum Distillates N / AV - ACGIH 2005  
n-Butane 800 ppm TWA - ACGIH 2005  
Isobutane N / AV - ACGIH 2005  
Hexane 50 ppm TWA (Skin) - ACGIH 2005  
Acetone 500 ppm TWA and 750 ppm STEL - ACGIH 2005  
Propylene Glycol 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.

**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:** August 12, 2009

THE INFORMATION CONTAINED HEREIN IS BELIEVED TO BE ACCURATE BUT IS NOT WARRANTED TO BE SO.  
NOTHING CONTAINED HEREIN CONSTITUTES A SPECIFICATION NOR IS IT INTENDED TO WARRANT SUITABILITY FOR THE INTENDED USE.

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

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