



Canadian Material Safety Data Sheet

SECTION 1 - Product Information

Product Use: Spray Mate Enamel Paint
Manufacturer's Name: Aerovoe Industries Inc.
Emergency Phone: 1-800-424-9300

Address: 1100 Mark Circle, Gardnerville, NV 89410
Date Revised: April 23, 2010

Hazardous Component	Hydrocarbon Propellant	Acetone	Xylene	Petroleum Distillates	VM&P Naphtha	Aliphatic Petroleum Distillates	Mineral Spirits	n-Butyl Acetate	Glycol Ether PM Acetate
CAS #	68476-86-8	67-64-1	1330-20-7	64742-95-6	64742-89-8	8032-32-4	8052-41-3	123-86-4	108-65-6
OSHA -PEL (TWA)	1000 ppm	1000 ppm	100 ppm	50 ppm	N / AV	N / AV	500 ppm	150 ppm	N / AV
ACGIH -TLV (TWA)	1000 ppm	500 ppm	100 ppm	50 ppm	300 ppm	100 ppm	100 ppm	150 ppm	N / AV
LD ₅₀ Species & Route	N / AV	5800 mg/kg (Rat-Oral)	4300 mg/kg (Rat-Oral)	N / AV	N / AV	N / AV	N / AV	N / AV	N / AV
LC ₅₀ Species	N / AV	21,000 ppm 8 hr (Rat)	6700 ppm 4 hr (Rat)	N / AV	N / AV	N / AV	N / AV	N / AV	N / AV
SARA 313 Listed	no	no	yes	no	no	no	no	no	no
Spray Mate Enamels									
Code	Description	wt %	wt %	wt %	wt %	wt %	wt %	wt %	wt %
S180	Aluminum	30% - 40%	30% - 40%	7% - 13%				> 1%	1% - 5%
S182	Chocolate Brown	30% - 40%	30% - 40%		> 1%	1% - 10%	2% - 10%	> 1%	1% - 5%
S184	Fire Red	30% - 40%	30% - 40%		> 1%	1% - 10%	2% - 10%	> 1%	1% - 5%
S185	Orange	30% - 40%	30% - 40%		> 1%	1% - 10%	2% - 10%	> 1%	1% - 5%
S186	Flat Black	30% - 40%	30% - 40%		> 1%	1% - 10%	2% - 10%	1% - 2%	1% - 5%
S188	Flat White	30% - 40%	30% - 40%		> 1%	1% - 10%	2% - 10%	1% - 2%	1% - 5%
S190	Gloss Black	30% - 40%	30% - 40%		> 1%	1% - 10%	2% - 10%	> 1%	1% - 5%
S191	Semi-Gloss Black	30% - 40%	30% - 40%		> 1%	1% - 10%	2% - 10%	> 1%	1% - 5%
S192	Gloss White	30% - 40%	30% - 40%		> 1%	1% - 10%	2% - 10%	1% - 2%	1% - 5%
S193	Semi-Gloss White	30% - 40%	30% - 40%		> 1%	1% - 10%	2% - 10%	1% - 2%	1% - 5%
S196	Lemon Yellow	30% - 40%	30% - 40%		> 1%	1% - 10%	2% - 10%	> 1%	1% - 5%
S198	Malibu Blue	30% - 40%	30% - 40%		> 1%	1% - 10%	2% - 10%	> 1%	1% - 5%
S202	Sherwood Green	30% - 40%	30% - 40%	7% - 13%				1% - 3%	1% - 5%
S205	Gray	30% - 40%	30% - 40%		> 1%	1% - 10%	2% - 10%	> 1%	1% - 5%
S206	Clear	30% - 40%	30% - 40%	10% - 15%				> 1%	1% - 5%
S220	Almond	30% - 40%	30% - 40%		> 1%	1% - 10%	2% - 10%	> 1%	1% - 5%
S221	Colonial White	30% - 40%	30% - 40%		> 1%	1% - 10%	2% - 10%	> 1%	1% - 5%
S222	Pink	30% - 40%	30% - 40%		> 1%	1% - 10%	2% - 10%	1% - 2%	1% - 5%
S223	Lt. Blue	30% - 40%	30% - 40%		> 1%	1% - 10%	2% - 10%	> 1%	1% - 5%
S224	Beige	30% - 40%	30% - 40%		> 1%	1% - 10%	2% - 10%	> 1%	1% - 5%
S225	Med. Gray	30% - 40%	30% - 40%		> 1%	1% - 10%	2% - 10%	> 1%	1% - 5%

SECTION 3 - Physical Data

Physical State: Aerosol
Boiling Point: N / AP
Vapor Density (air = 1): Heavier than air
Odor and Appearance: Ketone odor / Clear or opaque liquid
Coefficient of Water/Oil Distribution: N / AV
Specific Gravity: 0.7 to 0.8
Freezing Point: N / AV
Vapor Pressure (psig): 55 to 65

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

Odor Threshold (ppm): N / AV

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

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)
Autoignition Temperature: N / AV
Method Used: Estimated
Flammable Limits - LFL: 0.7% **UFL:** 15.0%
Hazardous Combustion Products: Carbon Monoxide, Carbon Dioxide.

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.
Effects of Chronic Exposure to Product: Dermatitis.
Exposure Limits (TLV):
Acetone 500 ppm TWA and 750 ppm STEL - ACGIH 2005
Propane 2500 ppm TWA - ACGIH 2005
n-Butane 800 ppm TWA - ACGIH 2005
Isobutane N / AV - ACGIH 2005
Xylene 100 ppm TWA and 150 ppm STEL - ACGIH 2005
n-Butyl Acetate 150 ppm TWA and 200 ppm STEL - ACGIH 2005
Petroleum Distillates 100 ppm TWA - ACGIH 2005
Aliphatic Petroleum Distillates N / AV - ACGIH 2005
Mineral Spirits N / AV - ACGIH 2005
VM&P Naphtha N / AV - ACGIH 2005
Glycol Ether PM Acetate N / AV - ACGIH 2005
Irritancy: Skin, eyes, and respiratory tract.
Sensitization: N / AV
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: April 23, 2010
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.

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