



Material Safety Data Sheet

The information presented in these forms is believed to be correct and sufficient to meet the requirements of OSHA Hazard Communication standard (29 CFR 1910.1200) concerning worker's right to know.

The following material safety data sheet covers the hazardous ingredients associated with more than one color aerosol product. As per 29 CFR 1900.1200 paragraph (g), whenever the hazards associated with similar mixtures are the same, then one MSDS may be prepared to cover several products. This MSDS covers the following Aerovoe aerosol products.

PRODUCT NAME: Survey Marking Paint

Non-Fluorescent Colors	Fluorescent Colors	16 oz. I.A.C.	High Delivery	Metallic
201 Red	220 Red	261S Red	270S Fluorescent Red	281 Red
202 Yellow	222 Orange	262S Yellow	272S Fluorescent Orange	282 Yellow
203 Blue	224 Green	263S Blue	274S Fluorescent Green	288 Fluorescent Orange
204 Green	226 Yellow	265S Orange	275S Fluorescent Red/Orange	
205 Orange	227 Blue	267S White	279S Fluorescent Pink	
206 Black	229 Pink			
	230 Red/Orange			

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Aerovoe Industries, Inc.
ADDRESS: 1198 Mark Circle, Gardnerville, NV 89410
EMERGENCY PHONE: 1-800-424-9300
DATE REVISED: November 8, 2006
REASON REVISED: Updated

SECTION II - HAZARDOUS INGREDIENTS / SARA III INFORMATION OCCUPATIONAL EXPOSURE LIMITS

HAZARDOUS COMPONENTS	WEIGHT PERCENT	OSHA PEL	ACGIH TLV	LD50 SPECIES & ROUTE	LC50 SPECIES & ROUTE
Hydrocarbon Propellant (CAS 68476-86-8)	10 - 30	1000 ppm	1000 ppm	N / AV	N / AV
Aliphatic Petroleum Distillates (CAS 64742-89-8)	10 - 30	N / AV	300 ppm	N / AV	N / AV
*Hexane (CAS 110-54-3)	7 - 13	500 ppm	50 ppm (skin)	2870 mg / kg (Rat-Oral)	N / AV
Aliphatic Petroleum Distillates (CAS 64742-89-8)	10 - 30	N / AV	300 ppm	N / AV	N / AV
Aliphatic Petroleum Distillates (CAS 64742-86-7)	1 - 5	100 ppm	100 ppm	N / AV	N / AV
Non-Fluorescent Colors Also Contain:					
Acetone (CAS 67-64-1)	5 - 10	1000 ppm	500 ppm	5800 mg / kg (Rat-Oral)	21000 ppm / 8 hr (Rat-Inh)
Metallic Colors Also Contain:					
Acetone (CAS 67-64-1)	30 - 60	1000 ppm	500 ppm	5800 mg / kg (Rat-Oral)	21000 ppm / 8 hr (Rat-Inh)
n-Butyl Acetate (CAS 123-86-4)	1 - 5	150 ppm	150 ppm	N / AV	N / AV
Aliphatic Hydrocarbon (CAS 64742-47-8)	1 - 5	N / AV	N / AV	1200 mg / m ³	N / AV

*Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

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

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BOILING POINT: N / AP
VAPOR DENSITY: Heavier than air
EVAPORATION RATE: Faster than n-Butyl Acetate

SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

SPECIFIC GRAVITY (H₂O=1): 0.9

SOLUBILITY IN WATER: Partial

APPEARANCE AND ODOR: Opaque liquid with hydrocarbon odor.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

METHOD USED: Estimated

FLAMMABLE LIMITS - LEL: 0.9% **UEL:** 13.0%

FLASH POINT: < 0° F (-18° C)

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, water spray.

SPECIAL FIRE FIGHTING PROCEDURES: Use water spray to cool containers exposed to heat or fire to prevent pressure build up.

Self-contained breathing apparatus should be used if product is involved in fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Treat as cylinders of compressed gas. Closed containers may rupture due to pressure build up from extreme temperature.

FLAMMABILITY: Yes - Flammable aerosol under conditions of sparks, flame, or hot surfaces.

SENSITIVITY TO IMPACT: Do not puncture

SENSITIVITY TO STATIC DISCHARGE: Primarily vapors

SECTION V - REACTIVITY DATA

CONDITIONS TO AVOID: Open flames, sparks, electrical arcs.

STABILITY: Stable

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Carbon Monoxide, Carbon Dioxide.

HAZARDOUS POLYMERIZATION: Will not occur

SECTION VI - HEALTH HAZARD DATA

INHALATION: Respiratory tract irritant. May cause dizziness, light-headedness and / or headaches. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

SKIN CONTACT: Prolonged or repeated contact may cause irritation and dermatitis.

EYE CONTACT: Painful with slight to moderate irritation.

INGESTION: May be harmful or fatal if swallowed

EFFECTS OF CHRONIC OVEREXPOSURE: 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.

CARCINOGENICITY: The ingredients are not listed as a human carcinogen by IARC, ACGIH, NTP, or OSHA.

MUTAGENICITY: Not established

MEDICAL CONDITION GENERALLY AGGRAVATED BY EXPOSURE: Not established

EMERGENCY AND FIRST AID PROCEDURES: INHALATION - Remove from exposure, seek medical attention if signs/symptoms persist.

SKIN - Wash affected area with soap and water, remove contaminated clothing, seek medical attention if irritation persists.

EYES - Flush immediately with water for 15 minutes, seek medical attention if irritation persists.

INGESTION - Do not induce vomiting. Contact physician or poison control center immediately.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove all sources of ignition. Ventilate area. Prevent from entering a watercourse. Use an inert absorbent material and non-sparking type tools.

WASTE DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations. Do not incinerate closed containers.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Do not store above 120° F (49° C). Do not store or use near heat, sparks or flame.

OTHER PRECAUTIONS: Avoid contact with eyes and skin. Do not breathe vapors, take internally or smoke while using this product.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION: In areas with poor ventilation, use a NIOSH approved Organic Vapor Cartridge Respirator.

For concentrations above the TLV (as defined in Section II), use a positive air supplied respirator.

VENTILATION: General ventilation to maintain exposure limits below TLVs as defined in Section II.

PROTECTIVE GLOVES: Chemical resistant gloves such as Neoprene or Nitrile rubber.

EYE PROTECTION: Safety glasses or goggles.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Not established.

WORK / HYGIENIC PRACTICES: Avoid prolonged or repeated contact. Do not breathe vapors. Wash contaminated clothing prior to reuse.

SECTION IX - DISCLAIMER

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.