



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.

PRODUCT NAME: Aerosol Marking Paint

Non-Fluorescent Colors		Fluorescent Colors	16 oz. I.A.C.		High Delivery	Metallic
201 Red	207 White	220 Red	261S Red	270S Fluorescent Red	281 Red	210 Silver
202 Yellow	208 Hi Visibility Yellow	222 Orange	262S Yellow	272S Fluorescent Orange	282 Yellow	
203 Blue	209 Light Blue	224 Green	263S Blue	274S Fluorescent Green	288 Fluorescent Orange	
204 Green	212 Purple	226 Yellow	264S Green	275S Fluorescent Red/Orange		
205 Orange	213 Brown	227 Blue	265S Orange	279S Fluorescent Pink		
206 Black		229 Pink	266S Black			
		230 Red/Orange	267S White			

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: AerVOE Industries Inc
INFORMATION PHONE: 775-762-0100
DATE REVISED: 02-26-03

ADDRESS: 1198 Mark Circle, Gardnerville, NV 89410
EMERGENCY PHONE: 1-800-424-9300
REASON REVISED: Updated

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

Hazardous Component	hydrocarbon Propellant	Hexane	Xylene	Aliphatic Petroleum Disillates	Ethyl Acetate	Acetone	Glycol Ether EB Acetate	VM&P Naphtha	Aliphatic Hydrocarbon	n-Butyl Acetate
CAS #	68476-86-0	110-54-3	1330-20-7	64742-88-7	141-78-6	67-64-1	112-07-2	64742-89-8	64742-47-8	123-86-4
OSHA PEL (TWA)	1000 ppm	500 ppm	100 ppm	100 ppm	400 ppm	1000 ppm	N / AV	300 ppm	N / AV	150 ppm
ACGIH TLV (TWA)	1000 ppm	50 ppm (skin)	100 ppm	100 ppm	400 ppm	500 ppm	N / AV	400 ppm	N / AV	150 ppm
LD50 Species & Route	N / AV	2870 mg/kg (Rat-Oral)	4300 mg/kg (Rat-Oral)	N / AV	N / AV	5800 mg/kg (Rat-Oral)	N / AV	N / AV	N / AV	N / AV
LC50 Species	N / AV	N / AV	6700 ppm 4 hr (Rat)	N / AV	N / AV	21,000 ppm 8 hr (Rat)	N / AV	N / AV	N / AV	N / AV
SARA 313 Listed	no	yes	yes	no	no	no	yes	no	no	no
	wt %	wt %	wt %	wt %	wt %	wt %	wt %	wt %	wt %	wt %

Non-Fluorescent Colors

10 - 30	10 - 30	5 - 10	1 - 5	1 - 5	1 - 5	1 - 5			
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Fluorescent Colors

10 - 30	10 - 30	7 - 13	1 - 5				1 - 5		
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Metallic

15 - 40		7 - 13			30 - 60		5 - 10	5 - 10	1 - 5
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BOILING POINT: N / AP
VAPOR DENSITY: Heavier than air
EVAPORATION RATE: Faster than n-Butyl Acetate

SPECIFIC GRAVITY (H2O=1): 0.8 to 0.9
SOLUBILITY IN WATER: Negligible
APPEARANCE AND ODOR: Opaque liquid with hydrocarbon odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: < 0° F (-15° C) **METHOD USED:** Estimated **FLAMMABLE LIMITS - LEL:** 0.9% **UEL:** 15.0%
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

SECTION V - REACTIVITY DATA

STABILITY: Stable **CONDITIONS TO AVOID:** Open flames, sparks, electrical arcs.
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.
SKIN CONTACT: Prolonged or repeated contact may cause irritation and dermatitis.
EYE CONTACT: Painful with slight to moderate irritation.
SKIN ABSORPTION: Not likely to be absorbed in toxic amounts under normal use
INGESTION: Not likely to be harmful in small amounts but swallowing large amounts may be harmful.
CARCINOGENICITY: The ingredients are not listed as a human carcinogen by IARC, ACGIH, NTP, or OSHA.
TERATOGENICITY: Not established **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. Drink plenty of water, seek medical attention.

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: Do not get in eyes or on 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 TLV's 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