

# AERVOE Material Safety Data Sheet

TO: MSDS USERS

Please find below the material safety data sheet as per your request.

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. In order for the information contained in the MSDS to be most helpful we recommend that these forms be made available to all those who handle or may otherwise be exposed to the product.

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 Aerove aerosol products.

**Color Coding Enamel**

1301 Red	1307 White	1312 Flat Black	1317 Clear
1302 Yellow	1308 Silver	1313 Flat White	1319 Green
1303 Blue	1309 Aluminum	1314 Brown	1320 Dark Green
1305 Orange	1310 Semi-Gloss Black	1315 Almond	1321 Pink
1306 Black	1311 Gold	1316 Beige	1322 Purple
			1360 Dark Gray
			1361 Gray

**SECTION I - MANUFACTURER IDENTIFICATION**

**MANUFACTURER'S NAME:** Aerove Industries, Inc.  
**INFORMATION PHONE:** 775-782-0100  
**DATE REVISED:** December 1, 2008

**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 COMPONENTS	WEIGHT PERCENT	OSHA PEL		ACGIH TLV	LD50 SPECIES & ROUTE	LC50 SPECIES & ROUTE
		OSHA PEL	ACGIH TLV			
Hydrocarbon Propellant (CAS 68476-86-8)	15 - 40	1000 ppm	1000 ppm		N / AV	N / AV
Acetone (CAS 67-64-1)	15 - 40	1000 ppm	500 ppm		5800 mg / kg (Rat-Oral)	21000 ppm / 8 hr (Rat-Inha)
Aliphatic Petroleum Distillates (CAS 64742-89-8)	10 - 30	N / AV	300 ppm		N / AV	N / AV
Dipropylene Glycol Methyl Ether (CAS 34590-94-8)	100 ppm (skin)	100 ppm (skin)	150 ppm	N / AV	N / AV	
<b>1315 and 1321 Also Contain:</b>	1 - 5					
Aliphatic Hydrocarbon (CAS 8052-41-3)	1 - 5	500 ppm	100 ppm		N / AV	N / AV
<b>1308 Contains:</b>						
Hydrocarbon Propellant (CAS 68476-86-8)	30 - 60	1000 ppm	1000 ppm		N / AV	N / AV
Hexane (CAS 110-54-3)	10 - 30	500 ppm	50 ppm (skin)		2870 mg / kg (Rat-Oral)	N / AV
p-Chlorobenzotrifluoride (CAS 98-56-6)	7 - 13	N / AV	N / AV		11500 mg / kg (Mouse-Oral)	20 g / m <sup>3</sup> (Mouse-Inha)
*Xylene (CAS 1330-20-7)	7 - 13	100 ppm	100 ppm		4300 mg / kg (Rat-Oral)	6700 ppm / 4 hr (Rat-Inha)
<b>1311 and 1317 Contain:</b>						
Acetone (CAS 67-64-1)	30 - 60	1000 ppm	500 ppm		5800 mg / kg (Rat-Oral)	21000 ppm / 8 hr (Rat-Inha)
Hydrocarbon Propellant (CAS 68476-86-8)	15 - 40	1000 ppm	1000 ppm		N / AV	N / AV
n-Butyl Acetate (CAS 123-86-4)	10 - 30	150 ppm	150 ppm	200 ppm	N / AV	N / AV

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

**SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS**

**BOILING POINT:** N / AP  
**VAPOR DENSITY:** Heavier than air  
**EVAPORATION RATE:** Faster than n-Butyl Acetate  
**SPECIFIC GRAVITY (H20=1):** . 0.9  
**SOLUBILITY IN WATER:** Negligible  
**APPEARANCE AND ODOR:** Opaque liquid with a ketone odor.

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

**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  
**METHOD USED:** Estimated  
**FLAMMABLE LIMITS - LEL:** 0.9% **UEL:** 14.0%

**SECTION V - REACTIVITY DATA**

**STABILITY:** Stable  
**INCOMPATIBILITY (MATERIALS TO AVOID):** Strong oxidizing agents.  
**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Carbon Monoxide, Carbon Dioxide.  
**HAZARDOUS POLYMERIZATION:** Will not occur  
**CONDITIONS TO AVOID:** Open flames, sparks, electrical arcs.  
**SENSITIVITY TO STATIC DISCHARGE:** Primarily vapors

**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.  
**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. 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 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.