



# 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 AerVOX-Pacific aerosol products.

920 BLUE LAYOUT FLUID 921 RED

*Layout Fluid  
by AerVOX Pacific*

PRODUCT NAME: LAYOUT FLUID - ALL COLORS

PRODUCT CODE: 24A1

HMIS CODES: H F R P  
2 4 1 X

## SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: AerVOX-Pacific Company, Inc.  
 INFORMATION PHONE: 775-782-0100  
 DATE REVISED: 03-13-01

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	OTHER	LD50 SPECIES & ROUTE	LC50 SPECIES & ROUTE
N-BUTYL ACETATE (CAS 123 86 4)	5	150 PPM	150 PPM		13,100 mg / kg RAT (ORAL)	2000 PPM / 4 hr RAT (INHA)
*XYLENE (CAS 1330 20 7)	7	100 PPM	100 PPM		4300 mg / kg RAT (ORAL)	6700 PPM; 4 hr RAT (INHA)
DENATURED ETHANOL (CAS 64 17 5)	15	1000 PPM	1000 PPM		N/A	N/A
ACETONE (CAS 67 64 1)	30	750 PPM	750 PPM		9750 mg / kg RAT (ORAL)	N/A
DIMETHYL ETHER PROPELLANT (CAS 115 10 6)	40	N/A	N/A	500 PPM	N/A	164,000 PPM / 4 hr RAT (INHA)

10/15/2018

PRODUCT CODE: 2  
 SECTION III - PHYSICAL / CHEMICAL  
 BOILING POINT: <0° F / -18° C  
 SPECIFIC GRAVITY (H20=1): 0.8  
 ODOR THRESHOLD: N/A  
 VAPOR DENSITY: Heavier than air  
 EVAPORATION RATE: Faster than n-Butyl Acetate  
 APPEARANCE:  
 COATING V.O.C.: 5.14 lbs / Imp gal 4.28 lbs / US gal  
 513 gms / ltr

## SECTION IV - FIRE AND EXPLOSION

FLASH POINT: <0° F / -18° C METHOD USED: Estimated  
 EXTINGUISHING MEDIA: Foam, Alcohol Foam, CO<sub>2</sub>, Dry Chemical, Water, Fog  
 SPECIAL FIRE FIGHTING PROCEDURES: Water spray may be ineffective, but will prevent pressure build up. Self-contained breathing apparatus should be used if UNUSUAL FIRE AND EXPLOSION HAZARDS: Closed containers may explode if extremely flammable.  
 FLAMMABILITY: Yes - Flammable aerosol under conditions of sparks, flame, or high SENSITIVITY TO IMPACT: Do not puncture

## SECTION V - REACTIVE

STABILITY: Stable  
 INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents  
 HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Carbon Monoxide and Ca  
 HAZARDOUS POLYMERIZATION: Will not occur

## SECTION VI - HEALTH HAZ

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: May cause dizziness and eye contact HEALTH RISKS AND SYMPTOMS OF EXPOSURE: IRRITATION - Primary irritation.  
 SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: May cause INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: N/A  
 HEALTH HAZARDS (ACUTE AND CHRONIC): INHALATION - Anesthetic. Irritation by headache, dizziness, nausea or possible unconsciousness). SKIN OR EYE CONTACT cause dermatitis - exercise due care.  
 CARCINOGENICITY: None known  
 MUTAGENICITY: N/A  
 TERATOGENICITY: N/A  
 MEDICAL CONDITION GENERALLY AGGRAVATED BY EXPOSURE: None known  
 EMERGENCY AND FIRST AID PROCEDURES: VAPORS - Remove from exposure SPLASH - (SKIN) Wash affected area, remove contaminated clothing, see physician SPLASH - (EYES) Flush immediately with water for 15 minutes and take to a physician

## SECTION VII - PRECAUTIONS FOR SA

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove electrical. Ventilate area, avoid run off into sewer by diking, and soak up with inert WASTE DISPOSAL METHOD: Dispose of in accordance with local, state and federal PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Do not store above OTHER PRECAUTIONS: Do not get in eyes. Do not breathe vapors. Avoid skin contact must be strictly prohibited. In addition to all other hazards and precautions - dust free dust with a TLV of 10mg/cubic meter.

## SECTION VIII - CONTROL

RESPIRATORY PROTECTION: Outdoors - Recommend an approved mechanical areas with poor ventilation, use a NIOSH approved Organic Cartridge Respirator. supplied respirator.  
 VENTILATION: All application areas should be adequately ventilated in order to keep PROTECTIVE GLOVES: Impervious gloves (natural rubber) are recommended to EYE PROTECTION: Safety glasses with side shields are recommended to prevent OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Impervious apron (natural rubber and safety shower.  
 WORK / HYGIENIC PRACTICES: Avoid prolonged or repeated contact. Do not br

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

NOTE: N/A applies to not available or not applicable

SECTION IX - DISCL  
 THE INFORMATION CONTAINED HEREIN IS BELIEVED TO BE ACCURATE  
 HEREIN CONSTITUTES A SPECIFICATION NOR IS IT INTENDED TO



# Material Safety Data Sheet

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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 bulk 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 AerVOE-Pacific bulk products.

920J BLUE  
LAYOUT FLUID  
921J RED

**PRODUCT NAME:** LAYOUT FLUID - ALL COLORS

**PRODUCT CODE:** 24B1

**HMS CODES:** H F R P  
2 3 0 X

**MANUFACTURER'S NAME:** AerVOE-Pacific Company, Inc.  
**INFORMATION PHONE:** 775-782-0100  
**DATE REVISED:** 12-05-00

**SECTION I - MANUFACTURER IDENTIFICATION**

**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	OTHER	LD50 SPECIES & ROUTE		LC50 SPECIES & ROUTE	
N-BUTYL ACETATE (CAS 123 86 4)	10	150 PPM	150 PPM		13,100 mg/kg RAT (ORAL)	2000 PPM / 4 hr RAT (INHA)		
*XYLENE (CAS 1330 20 7)	12	100 PPM	100 PPM		4300 mg/kg RAT (ORAL)	6700 PPM; 4 hr RAT (INHA)		
DENATURED ETHANOL (CAS 64 17 5)	25	1000 PPM	1000 PPM		N/A	N/A		
ACETONE (CAS 67 64 1)	50	750 PPM	750 PPM		9750 mg/kg RAT (ORAL)	6700 PPM / 4 hr RAT (INHA)		

\*Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.  
NOTE: N/A applies to not available or not applicable

**BOILING POINT:** 133° F / 56° C  
**ODOR THRESHOLD:** N/A  
**EVAPORATION RATE:** Faster than n-Butyl Acetate  
**COATING V.O.C.:** 3.90 lbs / Imp gal

**SECTION III - PHYSICAL / CHEMICAL**

**FLASH POINT:** < 0° F / -18° C  
**EXTINGUISHING MEDIA:** Foam, Alcohol Foam, CO<sub>2</sub>, Dry Chemical, Water Fog  
**SPECIAL FIRE FIGHTING PROCEDURES:** Water spray may be ineffective, but use to prevent pressure build up. Self-contained breathing apparatus should be used if unusual fire and explosion hazards. Closed containers may rupture due to pressure build up.  
**FLAMMABILITY:** Yes - Flammable liquid under conditions of sparks, flame, or hot surfaces  
**SENSITIVITY TO IMPACT:** Do not puncture

**SECTION IV - FIRE AND EXPLOSION**

**STABILITY:** Stable  
**INCOMPATIBILITY (MATERIALS TO AVOID):** Strong oxidizing agents  
**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Carbon Monoxide and Carbon Dioxide  
**HAZARDOUS POLYMERIZATION:** Will not occur

**SECTION V - REACTIVITY**

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Carbon Monoxide and Carbon Dioxide  
**HAZARDOUS POLYMERIZATION:** Will not occur

**SECTION VI - HEALTH HAZARDS**

**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:** May cause dizziness, headache, nausea or possible unconsciousness.  
**SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:** Skin irritation.  
**EYES - Primary irritation.SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:** May cause dizziness, headache, nausea or possible unconsciousness.  
**HEALTH HAZARDS (ACUTE AND CHRONIC):** Irritation by headache, dizziness, nausea or possible unconsciousness; SKIN OR EYE CONTACT: Irritation by headache, dizziness, nausea or possible unconsciousness; SKIN OR EYE CONTACT: Irritation by headache, dizziness, nausea or possible unconsciousness.  
**CARCINOGENICITY:** None known  
**MUTAGENICITY:** None known  
**TERATOGENICITY:** None known  
**REPRODUCTIVE TOXICITY:** None known  
**MEDICAL CONDITION GENERALLY AGGRAVATED BY EXPOSURE:** None known  
**EMERGENCY AND FIRST AID PROCEDURES - VAPORS:** Remove from exposure area, get fresh air.  
**SP LASH - (SKIN):** Wash affected area, remove contaminated clothing, see physician.  
**SP LASH - (EYES):** Flush immediately with water for 15 minutes and take to a physician.

**SECTION VII - PRECAUTIONS FOR SAFETY**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Remove electrical, ventilate area, avoid run off into sewer by diking, and soak up with inert absorbent.  
**WASTE DISPOSAL METHOD:** Dispose of in accordance with local, state and federal regulations.  
**OTHER PRECAUTIONS:** Do not get in eyes. Do not breathe vapors. Avoid skin contact. Do not ingest. In addition to all other hazards and precautions - dust free dust with a TLV of 10mg/cubic meter.

**SECTION VIII - CONTROL**

**RESPIRATORY PROTECTION:** Outdoors - Recommend an approved mechanical respirator with poor ventilation, use a NIOSH approved Organic Cartridge Respirator. Indoors - Use a supplied respirator.  
**VENTILATION:** All application areas should be adequately ventilated in order to keep vapors below the TLV.  
**PROTECTIVE GLOVES:** Impervious gloves (natural rubber) are recommended to prevent skin contact.  
**EYE PROTECTION:** Safety glasses with side shields are recommended to prevent eye contact.  
**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Impervious apron (natural rubber) is recommended for splash protection.  
**WORK / HYGIENIC PRACTICES:** Avoid prolonged or repeated contact. Do not breathe vapors. Wash hands thoroughly after use.

**SECTION IX - DISPOSITION**

THE INFORMATION CONTAINED HEREIN IS BELIEVED TO BE ACCURATE AND COMPLETE. THE INFORMATION CONTAINED HEREIN IS BELIEVED TO BE ACCURATE AND COMPLETE. THE INFORMATION CONTAINED HEREIN IS BELIEVED TO BE ACCURATE AND COMPLETE.