



# 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 paint. 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 aerosol products.

## RUST PROOF PAINT (Water-based)

3000 Safety Purple	3050 Safety Orange	3150 Agri. Red
3010 Safety Red	3060 Safety Black	3160 Agri. Green
3020 Safety Yellow	3070 Safety White	3170 Agri. Blue
3030 Safety Blue	3120 Flat Black	3490 Meter Gray (ANSI-49)
3040 Safety Green	3130 Flat White	

## SECTION I - MANUFACTURER IDENTIFICATION

**MANUFACTURER'S NAME:** Aervoe Industries Inc.

**INFORMATION PHONE:** 775-783-3100

**DATE REVISED:** 10-12-10

**ADDRESS:** 1100 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	ACGIH STEL	LD50 SPECIES & ROUTE	LC50 SPECIES & ROUTE
Dimethyl Ether (CAS 115-10-6)	30 - 60	N / AV	N / AV		N / AV	164,000 ppm / 4 hr (Rat-Inha)
Propylene Glycol n-Propyl Ether (CAS 1569 01 3)	3 - 7	N / AV	N / AV	N / AV	4-5 ml / kg (Rabbits-Skin) 2000-4350 mg / kg (Rat-Oral)	> 100 mg / L (Rainbow Trout)
*Secondary Butanol (CAS 78 92 2)	3 - 7	150 ppm	100 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.

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

## SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

**BOILING POINT:** N / AP

**VAPOR DENSITY:** Heavier than air

**EVAPORATION RATE:** Slower than n-Butyl Acetate

**SPECIFIC GRAVITY (H20=1):** 0.8 - 0.9

**SOLUBILITY IN WATER:** Soluble

**APPEARANCE AND ODOR:** Opaque liquid with alcohol odor

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

**FLASH POINT PROPELLANT:** <0°F (-17°C)

**FLASH POINT PAINT:** > 212.8° F (100° 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:** This product when tested according to 16 CFR 1500.45 (Aerosol Flame Propagation Test) is not classified as extremely flammable or flammable.

**SENSITIVITY TO IMPACT:** Do not puncture

**SENSITIVITY TO STATIC DISCHARGE:** Primarily vapors

## 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.

## 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 smoke while using this product. Dust from sanding the dry paint film should be treated as a nuisance dust with a TLV of 15 mg / cubic meter.

## 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.