



Material Safety Data Sheet



Zynolyte Speed E-ename

Z275 Semi-Gloss White	Z357 Chocolate Brown	Z469 Hunter Green	Z506 Antique White
Z277 Semi-Gloss Black	Z377 Flat White	Z470 Bermuda Blue	Z516 Purple
Z297 Persimmon	Z387 Gloss Black	Z471 Royal Blue	Z517 Rich Red
Z298 Orange	Z397 Gloss White	Z480 Biege	Z518 Pink
Z307 Acrylic Clear	Z407 Gold	Z482 Almond	Z519 Burgundy
Z308 Silver	Z467 Lemon Yellow	Z487 Flat Black	Z525 Kelly Green
Z317 Aluminum	Z468 Medium Gray	Z489 Light Gray	Z526 Mica
			Z813 Red

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Aervoe Industries Inc. **ADDRESS:** 1198 Mark Circle, Gardnerville, NV 89410
INFORMATION PHONE: 775-782-0100 **EMERGENCY PHONE:** 1-800-424-9300
DATE REVISED: May 22, 2009 **REASON REVISED:** New

**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
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
Aliphatic Hydrocarbon (CAS 8032-32-4)	1 - 10	N / AV	300 ppm		N / AV	N / AV
Aliphatic Petroleum Distillates (CAS 64742-89-8)	1 - 10	N / AV	300 ppm		N / AV	N / AV
Dipropylene Glycol Methyl Ether (CAS 34590-94-8)	100 ppm (skin) 1 - 10	100 ppm (skin)	150 ppm	N / AV	N / AV	
Z275, Z397, Z482, Z506 and Z518 Also Contain:						
Aliphatic Hydrocarbon (CAS 8052-41-3)	1 - 5	500 ppm	100 ppm		N / AV	N / AV
Z307 Contains:						
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
Propylene Glycol Methyl Ether Acetate (CAS 108-65-6)	1 - 5	N / AV	N / AV	N / AV	N / AV	
Aliphatic Hydrocarbon (CAS 8032-32-4)	1 - 5	N / AV	300 ppm		N / AV	N / AV
Z308 Contains:						
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
Parachlorobenzotrifluoride (CAS 98-56-6)	7 - 13	No Data	No Data		13 g / kg (Rat-Oral)	22 g / m³ (Rat-Inha)
Aliphatic Hydrocarbon (CAS 8052-41-3)	7 - 13	500 ppm	100 ppm		N / AV	N / AV
Z407 Contains:						
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.

Z275MA

SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING POINT: N/A **SPECIFIC GRAVITY (H20=1):** .8 **COEFFICIENT OF WATER/OIL DIST:** N/A
ODOR THRESHOLD: N/A **VAPOR DENSITY:** Heavier than air **SOLUBILITY IN WATER:** N/A
EVAPORATION RATE: Faster than n-Butyl Acetate **APPEARANCE AND ODOR:** Opaque Liquid / Solvent Based Odor **FREEZING POINT:** N/A **pH:** N/A

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: < 0° F (-18° C) **METHOD USED:** Estimated **FLAMMABLE LIMITS IN AIR BY VOLUME - LOWER:** 0.7% **UPPER:** 15.8%
EXTINGUISHING MEDIA: Foam, Alcohol Foam, CO₂, Dry Chemical, Water Fog
SPECIAL FIRE FIGHTING PROCEDURES: Water spray may be used 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: Closed containers may rupture due to pressure build up from extreme heat or fire.
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

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

SECTION VI - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: May cause dizziness or nausea.
SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: SKIN - May cause irritation or burning sensation. EYES - Primary irritation.
SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: May cause irritation or burning sensation.
INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: N/A
HEALTH HAZARDS (ACUTE AND CHRONIC): INHALATION - Anesthetic. Irritation of the respiratory tract, or nervous system depression (characterized by headache, dizziness, nausea or possible unconsciousness). SKIN OR EYE CONTACT - Primary irritation. Prolonged or repeated contact to skin may cause dermatitis - exercise due care.
CARCINOGENICITY: None known **NTP?** No **IARC MONOGRAPHS?** No **OSHA REGULATED?** No
TERATOGENICITY: N/A **MUTAGENICITY:** N/A **TOXICOLOGICALLY SYNERGISTIC PRODUCT:** N/A
MEDICAL CONDITION GENERALLY AGGRAVATED BY EXPOSURE: None known
EMERGENCY AND FIRST AID PROCEDURES: INHALATION - Remove from exposure and restore breathing, seek medical attention.
SPLASH - (SKIN) Wash affected area with soap and water, remove contaminated clothing, seek medical attention if any irritation persists.
SPLASH - (EYES) Flush immediately with water for 15 minutes, seek medical attention if any irritation persists.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove all sources of ignition - Flames, sparks, static electricity & electrical. Ventilate area, avoid run off into sewer by diking, and soak up with inert absorbent using 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. Do not breathe vapors. Avoid skin contact. Do not take internally. Smoking while using this product must be strictly prohibited.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION: Outdoors - Recommend an approved mechanical particulate filter to remove any airborne overspray. In restricted areas with poor ventilation, use a NIOSH approved Organic Cartridge Respirator. For concentrations above the exposure limit, use a positive air supplied respirator.
VENTILATION: All application areas should be adequately ventilated in order to keep the items in SECTION II below their exposure limits.
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 to prevent skin contact. Eye wash fountain and safety shower.
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.



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 Aervoe aerosol products.

Z8070 Zynolyte Multi-Purpose Primer

- Z8070 Dark Gray Z8077 Green
- Z8072 Gray Z8078 Black
- Z8074 Red Oxide Z8079 Yellow
- Z8076 White

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*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

Z8070MA

SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING POINT: N/A **SPECIFIC GRAVITY (H2O=1):** 0.9 **COEFFICIENT OF WATER/OIL DIST:** N/A
ODOR THRESHOLD: N/A **VAPOR DENSITY:** Heavier than air **SOLUBILITY IN WATER:** N/A
EVAPORATION RATE: Faster than n-Butyl Acetate **APPEARANCE AND ODOR:** Opaque Liquid / Solvent Based Odor
FREEZING POINT: N/A **pH:** N/A

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: < 0° F (-18° C) **METHOD USED:** Estimated **FLAMMABLE LIMITS IN AIR BY VOLUME - LOWER:** 1.0% **UPPER:** 15.0%
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CARCINOGENICITY: None known **NTP?** No **IARC MONOGRAPHS?** No **OSHA REGULATED?** No
TERATOGENICITY: N/A **MUTAGENICITY:** N/A **TOXICOLOGICALLY SYNERGISTIC PRODUCT:** N/A
MEDICAL CONDITION GENERALLY AGGRAVATED BY EXPOSURE: None known
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