



Material Safety Data Sheet

6001 Blue Toolmaker's Ink (aerosol)

November 28, 2007

6001MA

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.

This MSDS covers the following AerVOE aerosol product.

PRODUCT NAME:

6001 Blue Toolmaker's Ink

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: AerVOE Industries Inc.
INFORMATION PHONE: 775-782-0100
DATE REVISED: November 28, 2007

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	ACGIH STEL	LD50 SPECIES & ROUTE	LC50 SPECIES & ROUTE
Methyl Ethyl Ketone (CAS 78-93-3)	30 - 60	200 ppm	200 ppm	300 ppm	N / AV	N / AV
Hydrocarbon Propellant (CAS 68476-86-8)	15 - 40	1000 ppm	1000 ppm		N / AV	N / AV
n-Butyl Acetate (CAS 123-86-4)	7 - 13	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

*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/A
VAPOR DENSITY: Heavier than air
EVAPORATION RATE: Faster than n-Butyl Acetate
SPECIFIC GRAVITY (H2O=1): 0.7
SOLUBILITY IN WATER: Negligible
APPEARANCE AND ODOR: Blue color with 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: 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: Treat as cylinders of compressed gas. Closed containers may rupture due to pressure build up from extreme heat or fire.
FLAMMABILITY: Flammable aerosol under conditions of sparks, flame, or hot surfaces.
SENSITIVITY TO IMPACT: Product will be expelled rapidly if container is punctured.
SENSITIVITY TO STATIC DISCHARGE: Primarily vapors
METHOD USED: Estimated
FLAMMABLE LIMITS - LEL: 1.0% **UEL:** 11.5%

SECTION V - REACTIVITY DATA

STABILITY: Stable
INCOMPATIBILITY (MATERIALS TO AVOID): Avoid alkaline materials and mineral acids.
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 in normal use 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.



Material Safety Data Sheet

6001 Blue Toolmaker's Ink (bulk)

November 28, 2007

6001MB

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.

This MSDS covers the following AerVOE bulk product.

PRODUCT NAME:



6001 Blue Toolmaker's Ink

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: AerVOE Industries Inc.

INFORMATION PHONE: 775-782-0100

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HAZARDOUS COMPONENTS	WEIGHT PERCENT	OSHA PEL	ACGIH TLV	ACGIH STEL	LD50 SPECIES & ROUTE	LC50 SPECIES & ROUTE
Methyl Ethyl Ketone (CAS 78-93-3)	60 - 80	200 ppm	200 ppm	300 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)	3 - 7	N / AV	N / AV		N / AV	N / AV
Aliphatic Hydrocarbon (CAS 8052-41-3)	0.1 - 1.5	500 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

BOILING POINT: 175° F (79° C)

VAPOR DENSITY: Heavier than air

EVAPORATION RATE: N / AV

SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

SPECIFIC GRAVITY (H2O=1): 0.9

SOLUBILITY IN WATER: Negligible

APPEARANCE AND ODOR: Blue color with ketone odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 28° F (-2° C)

METHOD USED: TCC

FLAMMABLE LIMITS - LEL: 1.0% **UEL:** 11.5%

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, water spray.

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: Flammable liquid under conditions of sparks, flame, or hot surfaces.

SENSITIVITY TO IMPACT: Product will leak if container is punctured.

SENSITIVITY TO STATIC DISCHARGE: Primarily vapors

SECTION V - REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: Open flames, sparks, electrical arcs.

INCOMPATIBILITY (MATERIALS TO AVOID): Avoid alkaline materials and mineral acids.

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 in normal use 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

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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.

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