

**Crown Marking Inks - Aerosol**



**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 workers' right to know.

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 Aerovae aerosol products.

**PRODUCT NAME:**



MARKING INK  
7080 Black  
7081 Red  
7082 Yellow  
7083 White

**SECTION I - MANUFACTURER IDENTIFICATION**

**MANUFACTURER'S NAME:** Aerovae Industries Inc.  
**ADDRESS:** 1198 Mark Circle, Gardenville, NY 89410  
**INFORMATION PHONE:** 775-782-0100  
**EMERGENCY PHONE:** 1-800-424-9300  
**DATE REVISED:** 01-26-09  
**REASON REVISED:** Updated

**SECTION II - HAZARDOUS INGREDIENTS / SARA III INFORMATION**

HAZARDOUS COMPONENTS	WEIGHT PERCENT	OCCUPATIONAL EXPOSURE LIMITS		LD50 SPECIES & ROUTE	LC50 SPECIES & ROUTE
		OSHA PEL	TLV		
Dimethyl Ether (CAS 115-10-6)	15 - 40	N / AV	N / AV	N / AV	164,000 ppm / 4 hr (Rat-Inha)
Acetone (CAS 67-64-1)	15 - 40	1000 ppm	500 ppm	5800 mg / kg (Rat-Oral)	21000ppm / 8 hr (Rat-Inha)
*Xylene (CAS 1330-20-7)	7 - 13	100 ppm	100 ppm	4300 mg / kg (Rat-Oral)	6700 ppm / 4 hr (Rat-Inha)
n-Butyl Acetate (CAS 123-86-4)	3 - 7	150 ppm	150 ppm	N / AV	N / AV
*Methyl Ethyl Ketone (CAS 78-93-3)	1 - 5	200 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.  
**NOTE:** N / AP = Not Applicable N / AV = Not Available

7080MA

**BOILING POINT:** N / AV  
**VAPOR DENSITY:** Heavier than air  
**EVAPORATION RATE:** Faster than n-Butyl Acetate

**SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS**  
**SPECIFIC GRAVITY (420=4, @70°F):** 0.8  
**SOLUBILITY IN WATER:** Negligible  
**APPEARANCE AND ODOR:** Opaque colors / Ketone odor

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**  
**FLAMMABLE LIMITS - LEL:** 1.7% **UEL:** 18.0%

**FLASH POINT:** < 0° F (-18° C)  
**EXTINGUISHING MEDIA:** Carbon dioxide, water, spray, dry chemical.  
**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.

**SECTION V - REACTIVITY DATA**

**CONDITIONS TO AVOID:** Open flames, sparks, electrical arcs.  
**STABILITY:** Stable  
**INCOMPATIBILITY (MATERIALS TO AVOID):** Strong oxidizing agents, strong acids or bases.  
**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Carbon Monoxide and 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:** Prolonged or repeated contact may cause 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:** Not established  
**MUTAGENICITY:** Not established  
**TERATOGENICITY:** Not established  
**MEDICAL CONDITION GENERALLY AGGRAVATED BY EXPOSURE:** Not established  
**EMERGENCY AND FIRST AID PROCEDURES - INHALATION:** Remove from exposure, seek medical attention if 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 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 STORAGE:** 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 films should be treated as a nuisance dust with an OSHA PEL (TWA) of 15 mg / cubic meter.

**SECTION VIII - CONTROL MEASURES**

**RESPIRATORY PROTECTION:** In areas with poor ventilation, use a NIOSH approved Organic Vapor Cartridge 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 / HYGIENE 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.