

Crown 7007 Cold Galvanizing Compound - 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 worker's right to know.

This MSDS covers the following Aervoe aerosol product.

PRODUCT NAME:



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: 08-05-04		REASON REVISED: Updated	

SECTION II - HAZARDOUS INGREDIENTS / SARA III INFORMATION OCCUPATIONAL EXPOSURE LIMITS					
HAZARDOUS COMPONENTS	WEIGHT PERCENT	OSHA PEL	ACGIH TLV	LD50 SPECIES & ROUTE	LC50 SPECIES & ROUTE
Zinc (CAS 7440-66-6)	30 - 60	N / AV	N / AV	N / AV	N / AV
*Xylene (CAS 1330-20-7)	10 - 30	100 ppm	100 ppm	4300 mg / kg (Rat-Oral)	6700 ppm / 4 hr (Rat-Inha)
Hydrocarbon Propellant (CAS 68476-86-8)	10 - 30	1000 ppm	1000 ppm	N / AV	N / AV
Aliphatic Petroleum Distillates (CAS 64742-89-8)	1 - 5	N / AV	300 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	SPECIFIC GRAVITY (H20=1, @70°F): 1.4		
VAPOR DENSITY: Heavier than air	SOLUBILITY IN WATER: Negligible		
EVAPORATION RATE: Slower than n-Butyl Acetate	APPEARANCE AND ODOR: Metallic gray with hydrocarbon odor		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA			
FLASH POINT: < 0°F (-18°C)	METHOD USED: Estimated	FLAMMABLE LIMITS - LEL: 0.9%	UEL: 9.5%
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: Flammable aerosol under conditions of sparks, flame, or hot surfaces.			
SENSITIVITY TO IMPACT: Aerosol cans are under pressure. Product will be expelled rapidly 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): Strong oxidizing agents, strong acids or bases.	
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	
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

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.

This MSDS covers the following Aervoe bulk products.

PRODUCT NAME:



7006 Cold Galvanizing Compound (formally # 7002)
7007 Cold Galvanizing Compound

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Aervoe Industries Inc.
INFORMATION PHONE: 775-782-0100
DATE REVISED: 03-13-03

ADDRESS: 1198 Mark Circle, Gardnerville, NV 89410
EMERGENCY PHONE: 1-800-424-9300
REASON REVISED: Revised

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
Zinc (CAS 7440-66-6)	75 - 85	N / AV	N / AV		N / AV	N / AV
Aliphatic Hydrocarbon (CAS 64742-47-8)	10 - 30	N / AV	N / AV	1200 mg / m³	N / AV	N / AV

No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present.

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

PRODUCT: Crown Cold Galvanizing Compound - Bulk

SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING POINT: 316° to 351° F(158° to 177° C)
VAPOR DENSITY: Heavier than air
EVAPORATION RATE: Slower than n-Butyl Acetate

SPECIFIC GRAVITY (H20=1): 2.7
SOLUBILITY IN WATER: Negligible
APPEARANCE AND ODOR: Gray / Petroleum Odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 102° F (39° 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.

METHOD USED: PMCC
FLAMMABLE LIMITS - LEL: 1.4% UEL: 8.1%

UNUSUAL FIRE AND EXPLOSION HAZARDS: Closed containers may rupture due to pressure build up.

SECTION V - REACTIVITY DATA

STABILITY: Stable
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents, strong acids or bases.
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Carbon dioxide, carbon monoxide or hydrogen.
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.
INGESTION: May cause irritation to throat, drowsiness and dizziness. Small amounts of the liquid aspirated into the respiratory system during ingestion or from vomiting may cause pneumonia or pulmonary edema.
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 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.
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

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