

AEROSOLS

M A T E R I A L S A F E T Y D A T A

I. IDENTIFICATION

MANUFACTURED BY: Diamond Vogel Paint
 1020 Albany Place SE
 Orange City, Ia 51041
 24 Hour Emergency Telephone
 CHEMTRBC 1-800-424-9300

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TRADE NAME: LEAD FREE AEROSOLS

MFG. PRODUCT NUMBER: AEROSOLS

PROPER SHIPPING NAME

II. HAZARDOUS INGREDIENTS

CAS #67-64-1	Acetone	WT %: 0
ACGIH TLV: 500 ppm TWA	ACGIH STEL: 1000 ppm	
OSHA PEL: 1000 ppm TWA	OSHA CEILING:	
VAPOR PRESSURE: 185mm Hg60F	LEL%: 2.6%	
CAS #mixed	A-85 propellant	WT %: 0
ACGIH TLV: N.E.	ACGIH STEL:	
OSHA PEL: N.E.	OSHA CEILING:	
VAPOR PRESSURE: 85 psig @70F	LEL%:	
CAS #64742-89-8	V M & P	WT %: 0
ACGIH TLV: 300 ppm TWA	ACGIH STEL: 400 ppm	
OSHA PEL: 300 ppm TWA	OSHA CEILING:	
VAPOR PRESSURE: 10.2mmHg68F	LEL%: 0.9%	
CAS #108-88-3	Toluene	WT %: 0
ACGIH TLV: 50 ppm TWA	ACGIH STEL:	
OSHA PEL: 200 ppm TWA	OSHA CEILING: 300 ppm	
VAPOR PRESSURE: 23.0 mm Hg	LEL%: 1.3	
CAS #1330-20-7	Xylene	WT %: 0
ACGIH TLV: 100 ppm TWA	ACGIH STEL: 150 ppm	
OSHA PEL: 100 ppm TWA	OSHA CEILING:	
VAPOR PRESSURE: 6.6mmHg@20C	LEL%: 1.0%	
CAS #64742-88-7	Mineral Spirits	WT %: 0
ACGIH TLV: 100 ppm TWA	ACGIH STEL:	
OSHA PEL:	OSHA CEILING:	
VAPOR PRESSURE: 2.7 mm@20c	LEL%:	
CAS #64742-94-5	Aromatic 150	WT %: 0
ACGIH TLV:	ACGIH STEL:	
OSHA PEL:	OSHA CEILING:	
VAPOR PRESSURE: 1.3 mm	LEL%: .9	
CAS #71-36-3	Butanol	WT %: 0
ACGIH TLV: 50 ppm SKIN	ACGIH STEL: 150 ppm SKIN	
OSHA PEL: 100 ppm TWA	OSHA CEILING: 150 mg/m3 SKIN	
VAPOR PRESSURE: 4.4 mm	LEL%: 1.45	
CAS #100-41-4	Ethyl Benzene	WT %: 0

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ACGIH TLV: 100 ppm TWA
 OSHA PEL: 100 ppm TWA
 VAPOR PRESSURE:

ACGIH STEL: 125 ppm
 OSHA CEILING:
 LEL%:

OSHA PEAK:

CAS #67-56-1

Methanol

WT %: 0-5

FO

ACGIH TLV: 200 ppm SKIN

ACGIH STEL: 250 ppm SKIN

OSHA PEL: 200 ppm SKIN

OSHA CEILING:

OSHA PEAK:

VAPOR PRESSURE: 92mmHg 20C

LEL%: 6.0%

WARNING MESSAGES:

- (1) Reports have associated repeated and prolonged occupational overexposure to with permanent brain and nervous system damage. Intentional misuse by deliberate concentrating and inhaling the contents may be harmful or fatal. Chronic exposure cause damage to the central nervous system, respiratory system, lung, eye, skin, gastrointestinal tract, spleen, kidneys, and blood.
- (2) See Section IX for reportable Hazardous Air Pollutants.

III. PHYSICAL DATA

BOILING RANGE: -44-425° F

EVAPORATION RATE: Propellant: Faster than ether

Solvent: Slower than ether

PERCENT VOLATILE BY VOLUME: 89.14%

WEIGHT PER GALLON: 6.17

VAPOR DENSITY: Propellant is lighter than air

Solvent is heavier than air

IV. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: -156° F -105° C

LEL: Refer to Section II

EXTINGUISHING MEDIA: *carbon dioxide, dry chemical, or fire foam*

UNUSUAL FIRE AND EXPLOSION HAZARDS: With excessive heat, cans will rupture from internal pressure and discharge flammable contents. Vapors may ignite explosively. Keep away from heat, sparks and flame. Do not smoke. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and other sources of ignition during and until all vapors are gone. Prevent build up of vapors by opening all windows and doors to achieve cross-ventilation.

SPECIAL FIRE FIGHTING PROCEDURES: Water is unsuitable, but may be used to cool closed containers.

V. HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: See Section II.

EFFECTS OF OVEREXPOSURE:

Inhalation - Anesthetic

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Irritation of the respiratory tract or acute nervous system. Depression caused by headache, dizziness, staggering gait, confusion, unconsciousness or coma.

Acute - High vapor concentrations are irritating to the eyes the respiratory tract, and may cause headaches, dizziness, anesthesia, drowsiness, unconsciousness, and other central nervous system effects including death. Product has an order of acute oral and dermal toxicity, but minute amounts aspirated into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury and possible death.

Chronic - Xylene contains ethylbenzene which has been classified as a possible carcinogen to humans, Class B, by the International Agency for Research on Cancer (IARC), based on sufficient evidence in laboratory animals but inadequate evidence for cancer in humans. Prolonged or repeated overexposure to ethylbenzene may cause the following effects: kidney effects, liver effects, lung effects, thyroid effects, testicular effects, pituitary effects.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: consult physician

PRIMARY ROUTE(S) OF ENTRY: Skin and Inhalation

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove to fresh air. Restore breathing. Treat symptomatically. Consult a physician.

EYES: Flush immediately with large amounts of water for at least 15 minutes. Talk to a physician for medical treatment.

SKIN: Wipe off with towel. Wash with soap and water. Remove contaminated clothing.

INGESTION: If swallowed, call a physician immediately. Remove stomach contents by gastric suction or induce vomiting only as directed by a medical personnel. Never give anything by mouth to an unconscious person.

VI. REACTIVITY DATA

STABILITY: *stable*

HAZARDOUS POLYMERIZATION: *will not occur*

INCOMPATIBILITY: * unknown *

HAZARDOUS DECOMPOSITION PRODUCTS: Fire, burning and welding may generate carbon monoxide.

CONDITIONS TO AVOID: Fire, burning, and welding.

VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Remove all sources of ignition (flames, hot surfaces and

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electrical, static or frictional sparks). Avoid breath vapors. Ventilate area. Use non-sparking tools. Remove inert absorbant.

WASTE DISPOSAL METHOD: Dispose of in accordance with local, state, federal regulations. Do not incinerate closed containers.

VIII. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: For casual use none required. To avoid breath vapors or spray mist, open windows and doors. Use other means to ensure fresh air entry during application and drying. If you experience watering, headaches or dizziness, increase fresh air or wear respiratory protection (NIOSH approved) or leave the area. Avoid contact with eyes, skin and clothing.

VENTILATION: Provide general dilution or local exhaust ventilation of sufficient volume and pattern to keep TLV and LEL of most hazardous ingredient in Section II, below acceptable limit.

PROTECTIVE GLOVES: None required except for prolonged contact.

EYE PROTECTION:

Splash proof eye goggles. In emergency situations, use eye goggles with a full face shield.

OTHER PROTECTIVE EQUIPMENT: *none*

HYGIENIC PRACTICES: See Section V

IX. SPECIAL PRECAUTIONS**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:**

Do not store above 120 degrees F. Store large quantities in buildings designed and protected for storage of NFPA Class flammable liquids.

OTHER PRECAUTIONS: Do not spray in eyes. Do not puncture or incinerate cans. Do not stick pin or any sharp objects in opening on top of can. Finger must not protrude spray button.

This product contains no reportable Hazardous Air Pollutants.