

I. IDENTIFICATION

MANUFACTURED BY: Diamond Vogel Paint
1020 Albany Place SE
Orange City, IA 51041

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24 Hour Emergency Telephone
CHEMTREC 1-800-424-9300

General Information:
Mon-Fri 8 AM - 5 PM
712-737-4993

TRADE NAME: LEAD FREE AEROSOLS

MFG. PRODUCT NUMBER: AEROSOLS

II. HAZARDOUS INGREDIENTS

CAS #67-64-1	Acetone	WT %: 0-50
ACGIH TLV: 500 ppm TWA	ACGIH STEL: 1000 ppm	
OSHA PEL: 1000 ppm TWA	OSHA CEILING:	OSHA PEAK:
VAPOR PRESSURE: 185mm Hg@60F	LEL%: 2.6%	
CAS #mixed	A-85 propellant	WT %: 0-50
ACGIH TLV: N.E.	ACGIH STEL:	
OSHA PEL: N.E.	OSHA CEILING:	OSHA PEAK:
VAPOR PRESSURE: 85 psig @70F	LEL%:	
CAS #64742-89-8	V M & P	WT %: 0-20
ACGIH TLV: 300 ppm TWA	ACGIH STEL: 400 ppm	
OSHA PEL: 300 ppm TWA	OSHA CEILING:	OSHA PEAK:
VAPOR PRESSURE: 10.2mmHg@68F	LEL%: 0.9%	
CAS #108-88-3	Toluene	WT %: 0-20
ACGIH TLV: 50 ppm TWA	ACGIH STEL:	
OSHA PEL: 200 ppm TWA	OSHA CEILING: 300 ppm	OSHA PEAK: 500 ppm
VAPOR PRESSURE: 23.0 mm Hg	LEL%: 1.3	
CAS #1330-20-7	Xylene	WT %: 0-20
ACGIH TLV: 100 ppm TWA	ACGIH STEL: 150 ppm	
OSHA PEL: 100 ppm TWA	OSHA CEILING:	OSHA PEAK:
VAPOR PRESSURE: 6.6mmHg@20C	LEL%: 1.0%	
CAS #64742-48-9	Mineral Spirits	WT %: 0-20
ACGIH TLV: 100 ppm TWA	ACGIH STEL:	
OSHA PEL:	OSHA CEILING:	OSHA PEAK:
VAPOR PRESSURE: 2.7 mm@20c	LEL%:	
CAS #64742-94-5	Aromatic 150	WT %: 0-5
ACGIH TLV:	ACGIH STEL:	
OSHA PEL:	OSHA CEILING:	OSHA PEAK:
VAPOR PRESSURE: 1.3 mm	LEL%: .9	
CAS #71-36-3	n-Butanol	WT %: 0-5
ACGIH TLV: 50 ppm SKIN	ACGIH STEL: 150 ppm SKIN	
OSHA PEL: 100 ppm TWA	OSHA CEILING: 150 mg/m3 SKIN	OSHA PEAK:
VAPOR PRESSURE: 4.4 mm	LEL%: 1.45	
CAS #100-41-4	Ethyl Benzene	WT %: 0-5
ACGIH TLV: 100 ppm TWA	ACGIH STEL: 125 ppm	
OSHA PEL: 100 ppm TWA	OSHA CEILING:	OSHA PEAK:

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VAPOR PRESSURE: LEL%:
CAS #67-56-1 Methanol WT %: 0-5
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%

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 LBS

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

FLAMMABILITY CLASSIFICATION: CLASS 1A

HAZARD CLASSIFICATION: FLAMMABLE CONSUMER COMMODITY ORM-D

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

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SKIN OR EYE CONTACT: Primary irritant.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Alcoholism, acute and chronic liver and kidney disease, anemia, coronary disease or rhythm disorders of the heart

PRIMARY ROUTE(S) OF ENTRY: Skin and Inhalation

EMERGENCY AND FIRST AID PROCEDURES: Inhalation - Remove to fresh air.

Eyes - Flush immediately with fresh water for 15 minutes.

Call a physician.

Skin- Wash thoroughly with soap and water

VI. REACTIVITY DATA

STABILITY: *stable*

HAZARDOUS POLYMERIZATION: *will not occur*

INCOMPATIBILITY: oxidizing agents, halogens, strong reducing agents and strong bases.

HAZARDOUS DECOMPOSITION: When heated to decomposition, toxic fumes are formed.

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

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

VIII. SPECIAL PROTECTION INFORMATION

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

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

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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 1A flammable liquids.

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

This product contains no reportable Hazardous Air Pollutants.
