

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

I. IDENTIFICATION

MANUFACTURED BY: Van Sickle Paint Mfg Co
 PO Box 82222
 Lincoln, NE 68501

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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: WATERBORNE GRAPHITE BASED COATING

MFG. PRODUCT NUMBER: 9511X

II. HAZARDOUS INGREDIENTS

CAS #7782-42-5	Graphite	WT %:	5-20	
ACGIH TLV:	2.0mg/m3	ACGIH STEL:		
OSHA PEL:		OSHA CEILING:		OSHA PEAK:
VAPOR PRESSURE:		LEL%:		
CAS #111-76-2	Ethylene Glycol Butyl Ether	WT %:	5-20	Footnote: (1)
ACGIH TLV:	20 ppm TWA SKIN	ACGIH STEL:		
OSHA PEL:	50 PPM TWA SKIN	OSHA CEILING:		OSHA PEAK:
VAPOR PRESSURE:	0.9 mm	LEL%:	1.1	
CAS #78-92-2	Secondary butanol	WT %:	1-5	Footnote: (1)
ACGIH TLV:	100 ppm TWA	ACGIH STEL:		
OSHA PEL:	150 ppm TWA	OSHA CEILING:		OSHA PEAK:
VAPOR PRESSURE:	7mm Hg @ 50	LEL%:		
CAS #71-36-3	n-Butanol	WT %:	1-5	Footnote: (1)
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 #14808-60-7	Crystalline Silica	WT %:	0.401	Footnote: (2)
ACGIH TLV:		ACGIH STEL:		
OSHA PEL:		OSHA CEILING:		OSHA PEAK:
VAPOR PRESSURE:		LEL%:		

WARNING MESSAGES:

- (1) Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Chronic exposure may cause damage to the central nervous system, respiratory system, lung, eye, skin, liver, gastrointestinal tract, spleen, kidneys, and blood.
- (2) IARC Monograph Volume 68, 1997 concludes that there is sufficient evidence that inhaled crystalline silica causes cancer in humans. IARC group 1. The NTP, in the Sixth Annual Report on Carcinogens, 1991, has added crystalline silica to its list of substances that are anticipated to be carcinogens.
- (3) See Section IX for reportable Hazardous Air Pollutants.

III. PHYSICAL DATA

BOILING RANGE: 211-340° F

EVAPORATION RATE: N/A

9511X

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PERCENT VOLATILE BY VOLUME: 70.64%

WEIGHT PER GALLON: 9.43 LBS

VAPOR DENSITY: N/A

ACTUAL VOC (lb/gal): 1.42

EPA VOC (lb/gal): 2.90

EPA VOC (g/L): 347.54

IV. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 47° C 117° F

LEL: Refer to Section II

FLAMMABILITY CLASSIFICATION: CLASS II

HAZARD CLASSIFICATION: *Combustible Liquid*

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

UNUSUAL FIRE AND EXPLOSION HAZARD: None

SPECIAL FIRE FIGHTING PROCEDURES: **None**

V. HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: See Section II.

EFFECTS OF OVEREXPOSURE:

ACUTE - High vapor concentrations are irritating to the eyes and the respiratory tract, and may cause headaches, dizziness, anesthesia, drowsiness, unconsciousness, and other central nervous system effects, including death. Product has a low 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 possibly death.

CHRONIC - This product contains crystalline silica which is classified as carcinogenic to humans, Group 1, by the International Agency for Research on Cancer (IARC), based on sufficient evidence of carcinogenicity in humans. Crystalline silica may also cause delayed respiratory disease (silicosis) if inhaled over a prolonged period of time. Avoid breathing dust. Use a NIOSH/MSHA approved respirator where TLV for crystalline silica may be exceeded.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Asthma, Chronic respiratory disease (e.g. Bronchitis, Emphysema)
Eye disease, Skin disorders and Allergies.

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: Material can react violently with strong oxidizing agents

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

CONDITIONS TO AVOID: None

VII. SPILL OR LEAK PROCEDURES

SPILL/LEAK PROCEDURES: Sweep gently to avoid dust cloud formation.

WASTE DISPOSAL METHOD: Dispose of in accordance with local, state, and
federal regulations.

VIII. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Use OSHA approved respirator for nuisance dust.

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.

PROTECTIVE GLOVES: Required for those with extreme sensitivity.

EYE PROTECTION: Safety glasses.

OTHER PROTECTIVE EQUIPMENT: *none*

HYGIENIC PRACTICES: See Section V

IX. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN DURING HANDLING AND STORAGE:
Handle and transfer in a manner, which avoids excessive
dusting. Store away from oxidizing agents.

OTHER PRECAUTIONS: Graphite is a conductor of electricity. Exercise
caution when handling graphite in areas where contact
with electrical circuitry is possible.

This product contains no reportable Hazardous Air Pollutants.
