

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 Sickel 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: EZ-SLIDE GRAPHITE COATING

MFG. PRODUCT NUMBER: 9512X

II. HAZARDOUS INGREDIENTS

CAS #7782-42-5	Graphite	WT %: 20-50	
ACGIH TLV: 2.0mg/m3	ACGIH STEL:		
OSHA PEL:	OSHA CEILING:	OSHA PEAK:	
VAPOR PRESSURE:	LEL%:		
CAS #64742-89-8	V M & P	WT %: 20-50	Footnote: (1)
ACGIH TLV: 300 ppm TWA	ACGIH STEL: 400 ppm		
OSHA PEL: 300 ppm TWA	OSHA CEILING:	OSHA PEAK:	
VAPOR PRESSURE: 10.2mmHg68F	LEL%: 0.9%		
CAS #78-93-3	Methyl Ethyl Ketone	WT %: 5-20	Footnote: (1)
ACGIH TLV: 200 ppm TWA	ACGIH STEL: 300 ppm		
OSHA PEL: 200 ppm TWA	OSHA CEILING:	OSHA PEAK:	
VAPOR PRESSURE: 83mm Hg75F	LEL%: 1.8		
CAS #14808-60-7	Crystalline Silica	WT %: 0.543	Footnote: (2)
ACGIH TLV: 0.025 mg/m3	ACGIH STEL: NE		
OSHA PEL: 10/(%SiO2+2) mg/m3	OSHA CEILING: NE	OSHA PEAK: NE	
VAPOR PRESSURE: NA	LEL%: NA		
CAS #100-41-4	Ethyl Benzene	WT %: 0.118	Footnote: (3)
ACGIH TLV: 100 ppm	ACGIH STEL: 125 ppm		
OSHA PEL: 100 ppm	OSHA CEILING: NE	OSHA PEAK: NE	
VAPOR PRESSURE: 10 mmHg@20C	LEL%: 1		

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) International Agency for Research on Cancer (IARC) Monograph Volume 68 (1997) concludes that Crystalline Silica is "carcinogenic to humans (Group 1)" based on sufficient evidence in humans and experimental animals.
- (3) International Agency for Research on Cancer (IARC) Monograph Volume 77 (2000) concluded that Ethylbenzene is "possibly carcinogenic to humans (Group 2B)" based on inadequate evidence in humans and sufficient evidence in experimental animals.
- (4) See Section IX for reportable Hazardous Air Pollutants.

III. PHYSICAL DATA

BOILING RANGE: 174-300° F

EVAPORATION RATE: N/A

PERCENT VOLATILE BY VOLUME: 69.83%

WEIGHT PER GALLON: 8.19 LBS

VAPOR DENSITY: N/A

ACTUAL VOC (lb/gal): 4.45

EPA VOC (lb/gal): 4.45

EPA VOC (g/L): 533.29

IV. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: -1° C 30° F

LEL: Refer to Section II

FLAMMABILITY CLASSIFICATION: CLASS 1B

HAZARD CLASSIFICATION: *Flammable 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 ethylbenzene, which has been classified as a possible carcinogen to humans, Group 2B, 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: kidney effects, liver effects, lung effects, thyroid effects, testicular effects, pituitary effects.

This product also contains crystalline silica which is classified by IARC to be a Group 1 carcinogen. This category is used when there is sufficient evidence of carcinogenicity in humans. Crystalline silica may also cause delayed respiratory disease (silicosis) if inhaled over a long period of time. Avoid breathing dust. Use NIOSH/MSHA approved respirator when 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.
