

## 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

REVISED: 06/18/2009  
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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 - AEROSOL

MFG. PRODUCT NUMBER: 95120

## II. HAZARDOUS INGREDIENTS

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 #7782-42-5	Graphite	WT %:	5-20	
ACGIH TLV:	2.0mg/m3	ACGIH STEL:		
OSHA PEL:		OSHA CEILING:		OSHA PEAK:
VAPOR PRESSURE:		LEL%:		
CAS #75-28-5	Isobutane	WT %:	5-20	Footnote: (1)
ACGIH TLV:	N.E.	ACGIH STEL:		
OSHA PEL:	N.E.	OSHA CEILING:		OSHA PEAK:
VAPOR PRESSURE:	3.1 atm	LEL%:	1.6	
CAS #74-98-6	Propane	WT %:	5-20	
ACGIH TLV:	2500 ppm TWA	ACGIH STEL:		
OSHA PEL:	1000 ppm TWA	OSHA CEILING:		OSHA PEAK:
VAPOR PRESSURE:	7150mmHg20c	LEL%:		
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 %:	0.396	Footnote: (2)
ACGIH TLV:	0.025 mg/m3	ACGIH STEL:	NE	
OSHA PEL:	10/(%SiO <sub>2</sub> +2) mg/m3	OSHA CEILING:	NE	OSHA PEAK: NE
VAPOR PRESSURE:	NA	LEL%:	NA	

## 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) See Section IX for reportable Hazardous Air Pollutants.

## III. PHYSICAL DATA

BOILING RANGE: -43-300° F

EVAPORATION RATE: Propellant: Faster than ether Solvent: Slower than ether.

PERCENT VOLATILE BY VOLUME: 82.18% WEIGHT PER GALLON: 6.63 LBS

VAPOR DENSITY: Propellant is lighter than air Solvent is heavier than air

ACTUAL VOC (lb/gal): 4.42

EPA VOC (lb/gal): 4.42

EPA VOC (g/L): 529.69

#### 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: \*\*None\*\*

#### 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.

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 possible 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 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: When heated to decomposition, toxic fumes are formed.

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. 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.

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 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.

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.

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