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: Diamond Vogel Paint
711 South Third Avenue
Marshalltown, IA 50158-8001

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CHEMTREC 1-800-424-9300

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

TRADE NAME: Sure Grip Ext. Latex Primer Deep Base

MFG. PRODUCT NUMBER: BU-1502

II. HAZARDOUS INGREDIENTS

CAS #13463-67-7 Titanium dioxide WT %: 1-5 Footnote: (2)
ACGIH TLV: 10mg/m3 TWA ACGIH STEL:
OSHA PEL: OSHA CEILING: OSHA PEAK:
VAPOR PRESSURE: LEL%:

CAS #107-21-1 Ethylene Glycol WT %: 1-5 Footnote: (1)
ACGIH TLV: 39.4 ppm TWA ACGIH STEL:
OSHA PEL: 50 ppm TWA OSHA CEILING: 50 ppm OSHA PEAK:
VAPOR PRESSURE: .12mmHg@25C LEL%:

CAS #14808-60-7 Crystalline Silica WT %: 0.232 Footnote: (3)
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

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 93 (2010) concludes that Titanium dioxide is "possibly carcinogenic to humans (Group 2B)" based on inadequate evidence in humans and sufficient evidence in experimental animals.
(3) 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.
(4) See Section IX for reportable Hazardous Air Pollutants.

III. PHYSICAL DATA

BOILING RANGE: 212° F

EVAPORATION RATE: * slower than ether *

PERCENT VOLATILE BY VOLUME: 61.95% WEIGHT PER GALLON: 10.71 LBS

VAPOR DENSITY: * trace amounts of organic vapors will be heavier than air *

ACTUAL VOC (lb/gal): 0.33
EPA VOC (lb/gal): 0.79 EPA VOC (g/L): 94.67

IV. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 200+° F 93+° C LEL: Refer to Section II

FLAMMABILITY CLASSIFICATION: CLASS IIIB

HAZARD CLASSIFICATION: *Not Regulated*

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

UNUSUAL FIRE AND EXPLOSION HAZARDS: Closed containers may explode when exposed to extreme heat. (Due to buildup of steam pressure.)

SPECIAL FIRE FIGHTING PROCEDURES: Use water to keep closed containers cool.

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 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 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.

VIII. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: In confined areas of poor ventilation, use chemical cartridge respirator or self-contained breathing apparatus.

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: 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 near heat, sparks, or flame.

OTHER PRECAUTIONS: * none *

LIST OF HAZARDOUS AIR POLLUTANTS SUBJECT TO THE PROVISIONS OF THE CLEAN AIR ACT, TITLE I SECTION 112 'National Emission Standards for Hazardous Air Pollutants':

Ingredient	CAS #	Wt% of HAPS in product	Pounds HAPS/ Gal product
Ethylene Glycol	107-21-1	1.7 %	0.2