MATERIAL SAFETY DATA SHEET

I. IDENTIFICATION				
MANUFACTURED BY: Diamond Vogel Paint 711 South Third Avenue Marshalltown, IA 50158-8001	REVISED: 01/27/2009 PRINTED: 02/03/2009			
24 Hour Emergency Telephone CHEMTREC 1-800-424-9300	General Information: Mon-Fri 8 AM - 5 PM 712-737-4993			
PRODUCT LINE: Hide Plus Semi-Gloss Cotton White				
DS-0536 Hide Plus Interior Semi-Gloss Mist White DS-0537 Hide Plus Interior Semi-Gloss Acoustic White DS-0539 Hide Plus Interior Semi-Gloss Antique White DS-0544 Hide Plus Interior Semi-Gloss Neutral Base DS-1540 Hide Plus Interior Semi-Gloss Cotton White DS-1541 Hide Plus Interior Semi-Gloss White Base DS-1542 Hide Plus Interior Semi-Gloss Midtone Base DS-1543 Hide Plus Interior Semi-Gloss Deep Base DS-1549 Hide Plus Interior Semi-Gloss Pure White Base				
II. HAZARDOUS INGREDIENTS				
CAS #14808-60-7 Crystalline Silica WT ACGIH TLV: 0.025 mg/m3 ACGIH STEL: NE OSHA PEL: 10/(%SiO2+2) mg/m3 OSHA CEILING: NE VAPOR PRESSURE: NA LEL%: NA	7 %: 0.7-5 Footnote: (2) OSHA PEAK: NE			
CAS #107-21-1 Ethylene Glycol WT ACGIH TLV: 39.4 ppm TWA ACGIH STEL: OSHA PEL: 50 ppm TWA OSHA CEILING: 50 ppm VAPOR PRESSURE: .12mmHg@25C LEL%:	S %: 1-5 Footnote: (1) OSHA PEAK:			
CAS #25265-77-4 Texanol WT ACGIH TLV: N.D. ACGIH STEL: OSHA PEL: OSHA CEILING: VAPOR PRESSURE: .013mbar@20C LEL%:	S %: 1-5 Footnote: (1) OSHA PEAK:			
 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) HARC Menemersh Unlaws (0) 1007 mershader the interval of the central nervous system. 				

(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: 212° F

EVAPORATION RATE: * slower than ether *

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PERCENT VOLATILE BY VOLUME: 65.65-68.90% WEIGHT PER GALLON: 9.20-10.25 LBS VAPOR DENSITY: * trace amounts of organic vapors will be heavier than air * ACTUAL VOC (lb/gal): 0.51-0.55 EPA VOC (lb/gal): 1.30-1.47 EPA VOC (g/L): 154.59-176.19

IV. FIRE AND EXPLOSION HAZARD DATA FLASH POINT: 200+° F 93+° C LEL: Refer to Section II FLAMMABILITY CLASSIFICATION: * Not Regulated * 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

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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*

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	 3 2 %	03
Bellyrene Grycor	107 21 1	5.2 8	0.5