

MATERIAL SAFETY DATA SHEET
Moab Desert Varnish Gel-P

Section 1 – Product Information

Date of Preparation: September 18, 2006

Manufacturer: Moab Paper Company
375 S Main #220
Moab, UT 84532
USA
1-435-259-3161
1-435-259-0999 FAX

Emergency Telephone: For transportation emergencies call –
1-800-424-9300 Domestic
1-703-527-3887 International

Product Code: Moab Desert Varnish Gel-P

Section II – Hazardous Ingredients

Hazardous Ingredient	% by Weight	CAS No.	Vapor Press.	ACGIH TLV	OSHA PEL	LD50 Oral	LD50 Derm.	LC50 Inhal.	LEL @ 25 C
Dipropylene Glycol n-Butyl Ether	1-5	29911-28-2	No Occupational Exposure Limits have been set for these components except as shown.						
Tripropylene Glycol Monobutyl Ether	1-5	55934-93-5							
Dipropylene Glycol	1-5	25265-71-8							
Propylene Glycol	1-5	57-55-6							
Dipropylene Glycol Monomethyl Ether	1-5	034590-94-8				3300			
Amorphous Fumed Silica*	1-5	112945-52-2	n.ap.	n.av.	20mppcf	>5000	n.av.	n.est.	none

*Present in reduced gloss finishes only

Section III – Physical Data

Evaporation Rate: Slower than ether
Vapor Density: Not determined
Boiling Range: 212 - 380° F
Weight per Gallon (density): 8.6 (1.03)
Percent Volatile by Volume: 70
Odor and Appearance: Ammoniacal, milky liquid
Freezing Point: Approximately 32° F
Odor Threshold, pH, Coefficient of water/oil distribution: Not available.
VOC Content: 54 grams/liter (.455 #/gl) with water
118 grams/liter (.99 #/gl) w/o water

Section IV – Fire or Explosion Hazard

Flash Point (SFCC): > 100° C (212° F)
Lower Explosive Limit: No Data
NFPA flammability: No Data
Extinguishing Media: Foam, carbon dioxide, dry chemicals.
Unusual Fire & Explosion Hazards: Closed containers may burst (due to build up of steam pressure) when exposed to extreme heat. Burning produces smoke containing hazardous products of combustion. Symptoms may not be immediately apparent. Seek medical attention.
Special Fire Fighting Procedures: To prevent pressure build up, water should be used to cool containers exposed to fire. Firefighters should wear self-contained breathing apparatus.

Section V – Reactivity Data

Stability: Stable
Incompatibility: None reasonably foreseeable.
Hazardous Decomposition Products: Oxides of nitrogen and carbon.
Hazardous Polymerization: Will not occur.
Conditions to avoid: Heat, open flames, sparks.

Section VI – Toxicological Properties

Threshold Limit Value: None established.
Cancer Risks: No ingredients in these products are known to NTP, IARC, ACGIH or OSHA to be Carcinogenic.
Exposure effects:
Inhalation: (Acute) Nasal & respiratory irritation. (Chronic) None.
Skin Contact: (Acute) Mild skin irritation, dryness and discomfort. Can be absorbed causing drowsiness. (Chronic) None.
Eye Contact: (Acute) Mild irritation, redness, discomforts. (Chronic) Conjunctivitis or corneal damage.
Other Chronic Health Effects: Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Overexposure may cause liver or kidney conditions.

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Section VII – Preventive Measures

Steps To Be Taken In Case Material Is Released Or Spilled:

Dike to reduce extent of spill.

Waste Disposal Method: Dispose of in accordance with federal, state and local pollution requirements.

Respiratory Protection: Adequate ventilation.

Provide sufficient ventilation to keep vapor concentration below the TLV and/or PEL.

Protective Gloves: Required for prolonged and repeated contact. Refer to safety equipment supplier for effective glove recommendations.

Eye Protection: Use safety eyewear designed to protect against splash of liquids.

Other Protective Equipment: Eye bath and shower should be available.

Hygienic Practices: Wash hands before eating, smoking or using the washroom. Launder clothing before reuse.

Precautions To Be Taken In Handling And Storing:

Store containers out of sun and away from heat.

Close containers after each use.

Other Precautions: Do not take internally. Observe label precautions. The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks as required by regulations.

Section VIII – First Aid Measures

Emergency and First Aid Procedures: In all cases if symptoms persist, seek medical attention.

Inhalation: Move to fresh air, give artificial respiration if necessary. If breathing is difficult, give oxygen.

Skin Contact: Remove contaminated clothing, wash with soap and water or recognized skin cleaner. Do not use solvents or thinners.

Eye Contact: Contact Lenses must be removed, flush with water for at least 15 minutes, consult physician.

Ingestion: Drink one or two glasses of water to dilute. Do not induce vomiting. Call physician, treat symptomatically.

Medical Conditions Prone to Aggravation:

Pulmonary conditions, skin disorders.

Section IX – Transportation Information

DOT: Water based paint, Non-Regulated

Keep from freezing.

Section X – Regulatory Information

US Federal Regulations

No ingredients in the product are subject to the requirements of Section 313 of the Emergency Planning and Community Right to Know Act of 1986 (EPCRA). You may be required to submit this MSDS to state and local emergency response agencies and to your local fire department.

Other Information

Moab Paper Company believes that the data contained herein is accurate and derived from qualified sources. The data is not to be taken as a warranty or representation for which Moab Paper Company assumes legal responsibility. It is offered solely for your consideration, investigation, and verification. Any use of this data and information should be determined by the end user in accordance with Federal, State and local laws and regulations.