

MATERIAL SAFETY DATA SHEET

Section 1 - Chemical Product and Company Information

Product Name: Clear W/B Blockguard Product Code: 96F-163B

Manufactured by:

IN CASE OF EMERGENCY:

Chemcoat Inc.
P.O. Box 188
2790 Canfield Lane
Montoursville, PA 17754

Chem-tel
800-255-3924

Product Use:

Not recommended for:

Section 3 - Hazards Identification

GHS Ratings:

GHS Hazards

Routes of Entry:

Inhalation Skin Contact Eye Contact Ingestion

Exposure to this material may effect the following organs:

Eyes Liver

GHS Precautions

Effects of Overexposure

Carcinogenicity: The following chemicals comprise 0.1% or more of this mixture and are listed and/or classified as carcinogens or potential carcinogens by NTP, IARC, OSHA, or ACGIH.

Section 2 - Composition / Information on Ingredients

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Dipropylene Glycol Butoxy Ether 29911-28-2 2.77 percent Vapor Pressure: .1 mmHg@ 20 C	Not listed	Not listed	

Dipropylene Glycol Monomethyl Ether 34590-94-8 1.38 percent Vapor Pressure: .5 mmHg @ 68 F	Skin :VPEL 100 ppm - TWA Skin :VPEL 150 ppm - STEL	Skin :VPEL 100 ppm - TWA Skin :VPEL 150 ppm - STEL	
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Section 4 - First Aid Measures

INHALATION - Move person to fresh air. If breathing has stopped, administer artificial respiration. Seek medical attention!

EYE CONTACT - In case of eye contact, flush the eyes with water for fifteen (15) minutes. If contact lenses are worn, quickly remove them, then flush the eyes with water. Have a physician examine the eyes.

SKIN CONTACT - In case of skin contact, remove contaminated clothing. Flush the skin with large amounts of water, then wash the skin with soap and water.

INGESTION - Do not induce vomiting. This may cause chemical pneumonitis and pulmonary edema. If vomiting occurs spontaneously, keep the head below the hips to prevent aspiration of liquid into the lungs. Seek immediate medical attention.

Section 5 - Fire Fighting Measures

LEL: 0.6 %

UEL: 20.4 %

Extinguishing Media: Use carbon dioxide (CO2), foam, dry chemical, or water spray/water fog extinguishing system.

Unusual Fire and Explosion Hazards: Vapors may travel considerable distance by air and become ignited by ignition sources.

Hazardous Combustion Products: Oxides of carbon

Fire Fighting Instructions: Full protective equipment including self contained breathing apparatus should be used.

Fire Equipment: Water spray may not be effective, use fog nozzles

Section 6 - Accidental Release Measures

Spill and Leak Procedure: Eliminate all ignition sources. Ventilate the area. Use appropriate respirator and protective clothing.

Small Spills: Contain spill areas with dikes. Recover spilled material into containers. Absorb remainder with absorbent material.

Large Spills: If small spill measures do not contain the spill, notify local authorities and/or the fire department.

Section 7 - Handling and Storage

Handling: Avoid prolonged breathing or contact with product. Keep containers closed when not in use. Do not cut, drill, grind, or weld near containers even when empty. Use non-sparking tools when working around this material.

Storage Requirements: Protect from freezing. Keep containers closed when not in use. Keep away from excessive heat, open flames, or sparks.

Regulatory Requirements: Consult national, state and local environmental laws.

Section 8 - Exposure Controls / Personal Protection

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
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29911-28-2	Not listed	Not listed	
34590-94-8	Skin :VPEL 100 ppm - TWA Skin :VPEL 150 ppm - STEL	Skin :VPEL 100 ppm - TWA Skin :VPEL 150 ppm - STEL	

Ventilation: Exhaust as required to keep exposure below Threshold Limit Values

Protective Gear: If ventilation equipment cannot control exposures below the TLV's, wear a properly fitted organic/particulate NIOSH/MSHA approved respirator. Wear rubber or neoprene protective gloves for repeated or prolonged skin contact. Wear safety glasses or face shield for eye protection.

Section 9 - Physical and Chemical Properties

<p>Appearance Liquid</p> <p>Vapor Density Heavier than air</p> <p>Evaporation Rate Faster than ether</p> <p>% Volume Volatile 78.29</p> <p>Formula Lb / Gal 8.49</p> <p>Lbs/Gal VOC Less Exempt 1.37 Less water</p>	<p>Physical State Liquid</p> <p>Vapor Pressure 0.36 mm Hg @ 20C</p> <p>Boiling Range 100 to 229 °C</p> <p>Specific Gravity (SG) 1.019</p> <p>Lbs VOC/Gallon Solids 1.68</p>
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Section 10 - Stability and Reactivity

Stability:

Incompatibility: Strong acids or bases.

Hazardous Decomposition: Oxides of carbon and nitrogen.

Hazardous polymerization will not occur.

Section 11 - Toxicological Information

Mixture Toxicity

Component Toxicity:

Dipropylene Glycol Butoxy Ether
Dipropylene Glycol Monomethyl Ether

Section 12 - Ecological Information

Ecotoxicity: Protect environment from spills and releases.

Section 13 - Disposal Considerations

Disposal: As the US EPA, state, local or other regulatory agency may have jurisdiction over the disposal of your facility's waste, it is incumbent on you, to learn and satisfy all the regulations which effect you. Dispose of in accordance to government regulations. Destroy by liquid incineration by certified environmental service group.

Section 14 - Transport Information

Protect from freezing.

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
DOT	Paint	Not req*		Not reg**
	*- Not required			
	** - Not regulated			

Section 15 - Regulatory Information

Additional regulatory listings where applicable

EU Risk Phrases

Safety Phrase

Toxic Substances Control Act (TSCA): All chemicals except those listed below appear in the Toxic Substances Control Act Chemical Substance Inventory:

Section 16 - Other Information

Hazardous Material Information System (HMIS)

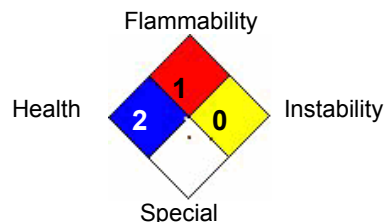
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PHYSICAL HAZARD	<input type="text" value="0"/>
PERSONAL PROTECTION	<input type="text"/>

HMIS & NFPA Hazard Rating

Legend

* = Chronic Health Hazard
0 = INSIGNIFICANT
1 = SLIGHT
2 = MODERATE
3 = HIGH

National Fire Protection Association (NFPA)



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Reviewer Revision

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