SAFETY DATA SHEET

Section 1 - Chemical Product and Company Information

Product Name: CLEAR WB Product Code: A-1268

Manufactured by:

TruCoat
11615 I Street
Omaha, Nebraska 68137
402-396-2800
info@trucoat.us
www.trucoat.us

IN CASE OF EMERGENCY:
CHEMTREC
1-800-424-9300

Product Use: For paint and coatings application(s) designated by the Manufacturer.
Not recommended for: Anything other than the paint and coatings application(s) designated by the Manufacturer .

Section 2 - Hazards Identification

NFPA Raings, risk phrases, and suggested WHMIS Hazard Categories:

GHS Ratings:

Flammable liquid	4	Flash point >= 60°C (140°F) and <= 93°C (200°F)
Skin corrosive	3	Reversible adverse effects in dermal tissue, Draize score: >= 1.5 < 2.3

GHS Hazards

H227	Combustible liquid
H316	Causes mild skin irritation

GHS Precautions

P210	Keep away from heat/sparks/open flames/hot surfaces – No smoking
P235	Keep cool
P280	Wear protective gloves/protective clothing/eye protection/face protection
P332+P313	If skin irritation occurs: Get medical advice/attention
P370+P378	In case of fire: Use … for extinction
P403+P235	Store in a well ventilated place. Keep cool
P501	Dispose of contents/container to …

Signal Word: Warning

Section 3 - Composition / Information on Ingredients

Chemical Name	CAS number	Weight Concentration %
Diethylene glycol monobutyl ether	112-34-5	1.00% - 5.00%

Dipropylene Glycol Methyl Ether	34590-94-8	1.00% - 5.00%

Section 4 - First Aid Measures

INHALATION - If product solids are inhaled either as dust or in the form of a spray mist, remove the person from exposure immediately. If breathing is difficult, irregular, or has stopped, start resuscitation; call a physician. Administer oxygen if a qualified operator is available.

EYE CONTACT - In case of eye contact, rinse with plenty of water. 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 - If material is ingested, seek immediate medical attention. If vomiting occurs spontaneously, keep the head below the hips to prevent aspiration of liquid into the lungs.

NOTES FOR PHYSICIAN - Treat symptomatically as necessary. Consult Section 2 for composition information. Refer to Section 1 for more information if needed.

Section 5 - Fire Fighting Measures

Flash Point: 75 C (167 F)

LEL: 1.0% UEL: 14.0%

See section 9 for Flash Point and Autoignition temperatures.

EXTINGUISHING MEDIA: Use carbon dioxide (CO2), "alcohol" foam, dry chemical, or water spray/water fog extinguishing systems.

UNUSUAL FIRE OR EXPLOSION HAZARDS: The product vapor is heavier than air and may travel a considerable distance to a source of ignition and flashback.

HAZARDOUS COMBUSTION PRODUCTS: See section 10 for a list of hazardous decomposition products for this mixture.

FIRE FIGHTING: If evacuation of personnel is necessary, evacuate to an upwind area. Decontaminate personnel and equipment with a water wash-down after fire and smoke exposure.

FIRE FIGHTING EQUIPMENT: Firemen and emergency responders: wear full turnout gear or Level A equipment, including positive-pressure, self-contained breathing apparatus (SCBA).

Section 6 - Accidental Release Measures

SPILL AND LEAK PROCEDURES: Spill supervisor - Ensure cleanup personnel wear all appropriate Personal Protective Equipment (PPE), including respiratory protection. Remove all ignition sources. Keep nonessential personnel away from the contaminated area.

SMALL SPILLS: Ventilate the contaminated area. Using nonsparking tools, mix the appropriate sorbent into the spilled material. Use an absorbent like sawdust for aqueous, waterborne, and solvent-borne coatings.

Collect the saturated sorbent and transfer it into a covered container. Steel containers are acceptable for all wastes except wastes which contain acid. Use suitable plastic containers for acid-bearing wastes.

Dispose of the waste in compliance with all Federal, state, regional, and local regulations.

LARGE SPILLS: Prevent this material from entering sewers and watercourses by diking or impounding the spilled material. Advise authorities if the product has entered or may enter, sewers, watercourses, or extensive land areas .

Ventilate the contaminated area. Using nonsparking tools, mix the appropriate sorbent into the spilled material. Use an absorbent like sawdust for aqueous, waterborne, and solvent-borne coatings.

Collect the saturated sorbent and transfer it into a covered container. Steel containers are acceptable for all wastes except wastes which contain acid. Use suitable plastic containers for acid-bearing wastes.

Label the waste container. Dispose of the waste in compliance with all Federal, state, regional, and local regulations.

Section 7 - Handling and Storage

HANDLING PRECAUTIONS: Wear all appropriate Personal Protective Equipment (PPE). Wear respiratory protection or ensure adequate ventilation at all times as vapors can accumulate in confined or poorly ventilated areas. Use the product in a manner which minimizes splashes and/or the creation of dust. Keep containers closed when not in use. Do not handle or store material near heat, sparks, open flames, or other sources of ignition. Store at room temperatures, i.e., 40 to 95 F (4 to 35 C).

STORAGE: Prevent from freezing. Do not store above 120 F (49 C).

Store only in original containers.

REGULATORY REQUIREMENTS: Follow local, state and federal regulations regarding the handling and storage of chemicals or mixtures. Consult supervisor for more information.

Section 8 - Exposure Controls / Personal Protection

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Diethylene glycol monobutyl ether 112-34-5	None established.	None established.	None established.
Dipropylene Glycol Methyl Ether 34590-94-8	OEL Table Z1 TWA 100ppm/600mg/m3 Table Z1 TWA 100ppm/600mg/m3 Table Z1 STEL 150ppm/900mg/m3	TLV TWA 100ppm TLV STEL 150ppm	NIOSH REL 100ppm/600mg/m3 NIOSH ST 150ppm/900mg/m3 NIOSH TWA 100ppm/600mg/m3 NIOSH ST 150ppm/900mg/m3

ENGINEERING: Ensure processing (curing) ovens are properly vented to prevent the introduction of processing fumes into the workplace. Use explosion-proof equipment and good manufacturing practice.

VENTILATION: Use only with adequate ventilation, i.e., ventilation in compliance with occupational exposure limits.

ADMINISTRATIVE CONTROLS: Follow all workplace procedures and rules. Consult supervisor if unsure of proper handling, storage, disposal or usage protocols. Ensure that all of the necessary personal protection equipment is available before using or handling.

PROTECTIVE EQUIPMENT: Wear splash goggles. If extra protection is required, wear a face shield over the splash goggles. Face shields are effective only if worn in addition to splash goggles .

Wear a chemical-resistant, butyl-rubber apron and other protective clothing, as deemed appropriate, to avoid skin contact with material.

Wear chemical-resistant gloves (butyl rubber or neoprene). Protective gloves should be inspected frequently and discarded when they exhibit cuts, tears, pinholes, or signs of excessive wear.

Respiratory protection may not be needed if the local exhaust is sufficient to maintain levels of hazardous ingredients below occupational exposure limits. If needed, use a NIOSH/MSHA approved respirator equipped with organic vapor cartridges, and high-efficiency, particulate air (HEPA) filters. Do not use respirators beyond their capabilities. FOR EMERGENCIES AND UNKNOWN CONCENTRATIONS, use supplied-air respiratory protection or a positive-pressure, self-contained breathing apparatus (SCBA).

CONTAMINATED EQUIPMENT: Dispose of the waste in compliance with all Federal, state, regional, and local regulations.

Section 9 - Physical and Chemical Properties

This mixture typically exhibits the following properties under normal circumstances:

Physical State	Liquid	**Odor:**	Characteristic.
Vapor pressure:	15.0 30mmHg 130C	**Odor threshold:**	No data.
Vapor Density	Heavier than air	**pH:**	No data.
Specific gravity:	1.04	**Melting point:**	No data.
Freezing point:	No data.	**Solubility:**	No data.
Boiling range:	100 - 231°C	**Flash point:**	75°C, 167°F
Evaporation rate:	Slower than ether.	**Flammability:**	No data.
Explosive Limits:	1% - 14%	**Partition coefficient (n-octanol/water):**	No data.
Autoignition temperature:	207°C	**Decomposition temperature:**	No data.
Viscosity:	No data.	**% Weight Solids**	27.88
% Weight Volatile (VOC)	2.69	**Lbs VOC/Gallon Less Water**	0.84

Section 10 - Stability and Reactivity

Stability:

STABLE

Components of this mixture are incompatible with the following materials:

Strong oxidizing agents
Light metals
Strong acids

This mixture is likely to exhibit the following combustion products:

Oxides of carbon
Hazardous polymerization will not occur.

Section 11 - Toxicological Information

Mixture Toxicity

Component Toxicity

112-34-5	Diethylene glycol monobutyl ether Dermal LD50: 2,764 mg/kg (Rabbit)
34590-94-8	Dipropylene Glycol Methyl Ether Oral LD50: 5,000 mg/kg (Rat) Inhalation LC50: 275 ppm (Rat)

Product toxicities may be based upon published information from the manufacturer, calculated from the worst offender(s) (most toxic), or estimated from a similar material (if applicable). Refer to specific component (M)SDSs for more information.

Routes of Entry:

Inhalation Skin Contact Eye Contact Ingestion

Exposure to this material may affect the following organs:

Effects of Overexposure

Eye Contact	Vapor, mists or liquid may cause eye irritation.
Ingestion	Ingestion of liquid may cause stomach irritation.
Inhalation	Inhalation of vapors or mists may cause respiratory irritation, shortness of breath or dizziness.
Skin Contact	Skin contact with liquid may cause skin irritation.
Short Term Exposure	DPGME can be absorbed through the skin, thereby increasing exposure. Exposure causes irritation of eyes and nose. Extremely high levels can cause dizziness, lightheadedness, headaches, unconsciousness.
Long Term Exposure	Repeated exposure to very high levels may affect the liver.

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 (mandatory listing), or ACGIH (optional listing).

CAS Number	Description	% Weight	Carcinogen Rating
None			N/A

Section 12 - Ecological Information

Do not let product enter drains, soil or bodies of water (moving and unmoving). Prevent further leakage or spillage if safe to do so. Ensure that the proper personal protection equipment is available. Consult sections 6 and 13 for spillage and disposal information, respectively. Refer to component (M)SDS for specific ecotoxicity, biodegradability and other information as needed.

Component Ecotoxicity

Diethylene glycol monobutyl ether

Toxicity to fish static test LC50
Lepomis macrochirus - 1,300 mg/l - 96 h
(OECD Test Guideline 203)

Toxicity to daphnia and other aquatic invertebrates static test EC50
Daphnia magna (Water flea) - > 100 mg/l - 48 h
(Directive 67/548/EEC, Annex V, C.2.)

Toxicity to algae static test EC50
Desmodesmus subspicatus (Scenedesmus subspicatus) - >100 mg/l - 96 h
(OECD Test Guideline 201)

Toxicity to bacteria LC50
Pseudomonas putida - 1,170 mg/l - 16 h

Biodegradability
Aerobic - Exposure time 28 d
Result: 91.7 % - Readily biodegradable.
(OECD Test Guideline 301B)

Dipropylene Glycol Methyl Ether

Section 13 - Disposal Considerations

As the US EPA, state, regional, and other regulatory agencies may have jurisdiction over the disposal of your facility's

hazardous waste, it is incumbent upon you, the hazardous waste generator, to learn of and satisfy all the requirements which affect you. Dispose of the hazardous waste at a properly licensed and permitted disposal site or facility. Ensure conformity to all applicable hazardous waste disposal regulations.

The US EPA Hazardous Waste Numbers which follow are applicable to this unadulterated product if the product enters the "waste stream." Refer to Title 40 of the Code of Federal Regulations, Part 261 (40 CFR 261). This part of the Code identifies solid wastes which are subject to regulation under various sections of the Code and which are subject to the notification requirements of Section 3010 of the Resource Conservation and Recovery Act (RCRA).

Section 14 - Transport Information

Agency	Proper Shipping Name	UN Number	Packing Group	Hazard Class
DOT	Non-regulated	N/A	N/A	Non-hazardous
IATA	Non-regulated	N/A	N/A	Non-hazardous

Section 15 - Regulatory Information

Additional regulatory listings, where applicable.

State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): WARNING! This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:

Country	Regulation	All Components Listed

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:

Non-hazardous Non-hazardous 1.2%

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act, and Title 40 of the Code of Federal Regulations, part 372.

112-34-5 Diethylene glycol monobutyl ether 1.0 - 5%

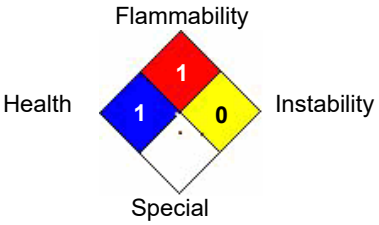
Section 16 - Other Information

Hazardous Material Information System (HMIS)

National Fire Protection Association (NFPA)

HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

HMIS & NFPA Hazard Rating Legend
*** = Chronic Health Hazard**
0 = INSIGNIFICANT
1 = SLIGHT
2 = MODERATE
3 = HIGH



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