

SECTION 1: IDENTIFICATION

Product Name	DuraWave WB Clear 1K/2K Polyurethane Flat
Product Code #	280300.FL
Manufacturer	Gemini Industries, Inc.
Address	421 SE 27th Street El Reno, OK 73036
Phone	Local: (800) 262-5710 Toll Free: (800) 444-7833
Emergency Contact	CHEMTREC (24HR Emergency Telephone), call: 1-800-424-9300 International CHEMTREC, call: 1-800-255-3924
Recommended Use/Restrictions	For Wood Substrates Only.

SECTION 2: HAZARD(S) IDENTIFICATION

Classifications	Acute Toxicity - Oral: Category 4 Acute Toxicity - Skin: Category 4 Acute Toxicity - Inhalation: Category 4 Skin Corrosion: Category 2 Eye Damage/Irritant: Category 2 STOT Single Exposure: Category 3
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Pictograms	
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Signal Word	Warning
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Hazard Statements	H302   Harmful if swallowed. H312   Harmful if in contact with skin. H332   Harmful if inhaled. H315   Causes skin irritation. H319   Causes serious eye irritation. H335   May cause respiratory irritation.
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Precautionary Statements	P261   Avoid breathing dust/fume/gas/mist/vapors/spray . P264   Wash any exposed body parts thoroughly after handling. P270   Do not eat, drink or smoke when using this product. P271   Use only outdoors or in a well-ventilated area. P280   Wear protective gloves/protective clothing/eye protection/face protection. P301 + P312   IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. P302 + P352   IF ON SKIN: Wash with plenty of soap and water. P304 + P340   IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P305 + P351 + P338   IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
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P312 | Call a POISON CENTER or doctor/physician if you feel unwell.  
 P321 | Specific treatment (see supplemental first aid instruction on this label if immediate administration of antidote/specific measures/cleansing agent/immediate measures is/are appropriate/required).  
 P322 | Specific measures (see supplemental first aid instruction on this label if immediate measures such as specific cleansing agent is advised).  
 P330 | Rinse mouth.  
 P333 + P313 | If skin irritation or rash occurs: Get medical advice/attention.  
 P337 + P313 | If eye irritation persists: Get medical advice/attention.  
 P362 | Take off contaminated clothing and wash before reuse.  
 P363 | Wash contaminated clothing before reuse.  
 P370 + P378 | In case of fire: Use appropriate media for extinction if water increases risk.  
 P403 + P233 | Store in a well-ventilated place. Keep container tightly closed.  
 P403 + P235 | Store in a well-ventilated place. Keep cool.  
 P405 | Store locked up.  
 P501 | Dispose of contents/container to appropriate waste disposal entity in accordance with local/regional/national/international regulation.

Percent of the mixture consisting of ingredient(s) of unknown toxicity

To the best of our knowledge, there are no additional ingredient(s) present requiring hazardous reporting or health warnings.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Reportable Components	% of Comp.	CAS No.
ETHYLENE GLYCOL MONOBUTYL ETHER	1 - 5%	111-76-2
DIPROPYLENE GLYCOL MONOBUTYL ETHER	1 - 5%	29911-28-2
SILICA, AMORPHOUS FUMED	1 - 5%	7631-86-9
TRIETHYLAMINE	1 - 5%	121-44-8

SECTION 4: FIRST AID MEASURES

General Advice	Have Safety Data Sheet available when calling Poison Control Center (1-800-222-1222) or physician; or when going to the emergency room.
Eyes	Flush eye with plenty of water for 15 minutes, while lifting eyelid. Remove contact lenses if present and easy to do. Continue rinsing. If irritation persists, get medical attention.
Skin	Wash skin with soap and water. Though not expected, if irritation occurs, get medical attention.
Inhalation	Though not expected, if breathing is difficult, move to fresh air. If difficulty persists, get medical attention.
Ingestion	Irritation may occur. If irritation persists, get medical attention.

SECTION 5: FIRE FIGHTING MEASURES

Fire Hazard No



Extinguishing Media	Foam, CO2, Dry Chemical, Water Mist
Special Protective Equipment and Firefighting Procedures	Evacuate all unnecessary personnel. Use full protective equipment. Cool closed containers to prevent pressure build-up. Do not allow product or runoff from fire control measures to enter storm or sanitary sewers or waterways.
Unusual Fire & Explosion	Material may splatter when heated. Dried film may burn.
Hazardous Combustion Products	See Section 10

### SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions	Avoid any uncontrolled release of material. Wear chemical splash goggles, impervious gloves, appropriate respirators, and protective clothing until all hazards are known.
Spills / Leaks	If spill/leak occurs, eliminate ignition sources and ventilate area. Evacuate all unnecessary personnel. Wear full protective equipment. Dike drains to prevent entering storm or sanitary sewers, rivers, streams, or waterways. Contain spill and cover with inert absorbent material. Clean using non-sparking tools (aluminum, brass, copper) and place mixture into containers for disposal. Note: Some spills/releases may require special reporting to local, state or federal agencies.

### SECTION 7: HANDLING AND STORAGE

Handling	Handle using good industrial hygiene and safety practices. Avoid breathing vapors, spray mists, or dusts. Avoid contact with eyes and skin. Do not take internally. Use adequate ventilation, respiratory and personal protection. Avoid spraying hot surfaces.
Storage	<p>Keep liquid and vapor away from heat, sparks, and flame. Turn off or remove all sources of ignition. Use proper methods of ventilation to prevent vapor buildup. Avoid contact with hot metal surfaces. Avoid free fall of liquids. Ground and bond fixed equipment, pails, drums and other transfer containers. Do not reuse, weld, drill, or heat empty containers which may contain explosive vapors.</p> <p>Keep container closed when not in use and during transit. Store container in an upright position in a cool, dry environment and protect from damage. Use adequate ventilation. Follow label warnings until thoroughly cleaned or until container is sent for disposal. Do not remove or deface labels until empty containers have been destroyed or thoroughly cleaned. Do not transfer product to unlabeled containers. Do not store above 120 deg. F (50 deg. C).</p>

### SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

#### Exposure Limits

Chemical Description	OSHA PEL	ACGIH TLV	Other
Ethylene glycol monobutyl ether	50 ppm	20 ppm	(skin)
Dipropylene glycol monobutyl ether	NOT EST.	NOT EST.	NOT EST.
Silica, amorphous fumed	NOT EST.	NOT EST.	3 mg/m3
Triethylamine	25 ppm	1 ppm STEL	4.1 mg/m3 (skin)



Engineering Controls

USE WITH ADEQUATE VENTILATION. Open all doors and windows to achieve cross-ventilation or provide mechanical ventilation in work and surrounding areas. Maintain cross-ventilation during and after application until all vapors and fumes are gone.

Personal Protective Equipment

- Hand: Wear gloves to prevent skin contact. Wash hands with soap and water after using and before eating or using tobacco products.
- Eyes: Wear safety glasses to protect from liquid splash. Ensure eye wash and safety showers are near workstations.
- Skin: Avoid contact with skin.
- Respiratory: Ensure fresh air entry during application and drying. Though not expected, increase ventilation if irritation occurs. Wear respirator with particulate filter or dust mask to avoid breathing sanding dusts if needed.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Cloudt liquid	Upper Flammability/Explosive Limit	20.40
Odor	Mild	Lower Flammability/Explosive Limit	0.60
pH value	No Data	Vapor Pressure	No Data
Freezing Point (F)	32.00	Vapor Density	No Data
Boiling Point (F)	No Data	Vapor Temperature	No Data
Boiling Range	212.00 - 340.00	Relative Density/Specific Gravity	8.62844
Flash Point (F)	Not Applicable	Solubility	Completely Water Soluble
Flash Point Method Used	P Marten	Partition Coefficient	No Data
Evaporation Rate	No Data	Auto-Ignition Temperature	No Data
Flammability	No	Decomposition Temperature	No Data
Viscosity	See Tech Data Sheet		

SECTION 10: STABILITY AND REACTIVITY

- Chemical Reactivity: Will not occur.
- Chemical Stability: Stable.
- Conditions to Avoid: High temperatures and humidity.
- Materials to Avoid: Not Applicable.
- Hazardous Decomposition: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity

Reportable Components	LD50 Oral	LC50 Inhalation	LD50 Dermal
Ethylene glycol monobutyl ether	Not available	Not available	Not available
Dipropylene glycol monobutyl ether	4,000 mg/kg	Not available	> 2,000 mg/kg
Silica, amorphous fumed	Not available	Not available	Not available
Triethylamine	730 mg/kg	7 mg/l (4H)	580 mg/kg

Inhalation

Description of Effects From Short- and Long-Term Exposure:

Though not expected, vapor and mist may irritate nose, throat, and lungs. Move to fresh air. Dust, sanding dusts and particles may cause nose and throat irritation. Harmful if inhaled.

Ingestion

Description of Effects From Short- and Long-Term Exposure:

Swallowing may cause irritation.Harmful if swallowed.

Eyes

Description of Effects From Short- and Long-Term Exposure:

Contact with liquid may cause irritation.

Skin

Description of Effects From Short- and Long-Term Exposure:

Contact may cause mild irritation.Harmful if in contact with skin.

Carcinogen Information

Not Applicable.

Carcinogens Listing

NTP	No
IARC	No
OSHA	No

SECTION 12: ECOLOGICAL INFORMATION

Aquatic Toxicity

Dipropylene glycol monobutyl ether



Toxicity to Fish LC50: 841 mg/l - 96 h

Toxicity to Algae EC50: Not Available

Triethylamine

Toxicity to Fish LC50: 24 mg/l - 96 h

Toxicity to Algae EC50: 1.1 mg/l - 72 h

Biodegradability No Data

Bioaccumulation No Data

SECTION 13: DISPOSAL CONSIDERATION

Waste materials and empty container must be disposed of in accordance with applicable federal, state/provincial, and local regulations. Regulations may vary by location. Empty containers may hold hazardous vapors. Do not weld or expose to heat.

SECTION 14: TRANSPORT INFORMATION

DOT Description

WATERBASE PAINT, NOT REGULATED

SECTION 15: REGULATORY INFORMATION

TSCA Status In compliance with TSCA inventory requirements for commercial purposes.

SARA 312 Regulated Chemical(s) Ethylene glycol monobutyl ether
Dipropylene glycol monobutyl ether
Silica, amorphous fumed
Triethylamine

SARA 313 Regulated Chemical(s) Ethylene glycol monobutyl ether
Triethylamine

California Prop. 65 Not Applicable.

PA Right to know Chemical(s) Ethylene glycol monobutyl ether
Silica, amorphous fumed
Triethylamine

NJ Right to know Chemical(s) Ethylene glycol monobutyl ether
Triethylamine

MA Right to know Chemical(s) Ethylene glycol monobutyl ether
Silica, amorphous fumed
Triethylamine

Canada Not Applicable.

Additional Regulatory Information

Not Applicable.

**SECTION 16: OTHER INFORMATION****HMIS**

DuraWave WB Clear 1K/2K Polyurethane Flat

<b>HEALTH</b>	1*
<b>FLAMMABILITY</b>	0
<b>REACTIVITY</b>	0
<b>PERSONAL PROTECTION</b>	X

**HMIS® Hazardous Material Information System**

HMIS ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risk, and 4 representing significant hazards or risks. HMIS was developed as a means of identifying and communicating workplace hazards associated with paints and coatings. Ratings are to be used with a fully implemented HMIS program. The workplace employer is responsible for determining the Personal Protection (PPE) code of this material.

HMIS® is the registered mark of the American Coatings Association (ACA)

**DISCLAIMER**

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Recommended Use/Restrictions	For Wood Substrate s Only.

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Pictograms	
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Signal Word	Warning
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Hazard Statements	H302   Harmful if swallowed. H312   Harmful if in contact with skin. H332   Harmful if inhaled. H315   Cause s skin irritation. H319   Cause s serious eye irritation. H335   May cause respiratory irritation.
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Precautionary Statements	P261   Avoid breathing dust/fume/gas/mist/vapors/spray . P264   Wash any exposed body parts thoroughly after handling. P270   Do not eat, drink or smoke when using this product. P271   Use only outdoors or in a well-ventilated area. P280   Wear protective gloves/protective clothing/eye protection/face protection. P301 + P312   IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. P302 + P352   IF ON SKIN: Wash with plenty of soap and water. P304 + P340   IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P305 + P351 + P338   IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
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P312 | Call a POISON CENTER or doctor/physician if you feel unwell.  
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 P330 | Rinse mouth.  
 P333 + P313 | If skin irritation or rash occurs: Get medical advice/attention.  
 P337 + P313 | If eye irritation persists: Get medical advice/attention.  
 P362 | Take off contaminated clothing and wash before reuse.  
 P363 | Wash contaminated clothing before reuse.  
 P370 + P378 | In case of fire: Use appropriate media for extinction if water increases risk.  
 P403 + P233 | Store in a well-ventilated place. Keep container tightly closed.  
 P403 + P235 | Store in a well-ventilated place. Keep cool.  
 P405 | Store locked up.  
 P501 | Dispose of contents/container to appropriate waste disposal entity in accordance with local/regional/national/international regulation.

Percent of the mixture consisting of ingredient(s) of unknown toxicity

To the best of our knowledge, there are no additional ingredient(s) present requiring hazardous reporting or health warnings.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Reportable Components	% of Comp.	CAS No.
ETHYLENE GLYCOL MONOBUTYL ETHER	1 - 5%	111-76-2
DIPROPYLENE GLYCOL MONOBUTYL ETHER	1 - 5%	29911-28-2
SILICA, AMORPHOUS FUMED	1 - 5%	7631-86-9
TRIETHYLAMINE	1 - 5%	121-44-8

SECTION 4: FIRST AID MEASURES

General Advice	Have Safety Data Sheet available when calling Poison Control Center (1-800-222-1222) or physician; or when going to the emergency room.
Eyes	Flush eye with plenty of water for 15 minutes, while lifting eyelid. Remove contact lenses if present and easy to do. Continue rinsing. If irritation persists, get medical attention.
Skin	Wash skin with soap and water. Though not expected, if irritation occurs, get medical attention.
Inhalation	Though not expected, if breathing is difficult, move to fresh air. If difficulty persists, get medical attention.
Ingestion	Irritation may occur. If irritation persists, get medical attention.

SECTION 5: FIRE FIGHTING MEASURES

Fire Hazard No



Extinguishing Media

Foam, CO2, Dry Chemical, Water Mist

Special Protective Equipment and Firefighting Procedures

Evacuate all unnecessary personnel. Use full protective equipment. Cool closed containers to prevent pressure build-up. Do not allow product or runoff from fire control measures to enter storm or sanitary sewers or waterways.

Unusual Fire & Explosion

Material may splatter when heated. Dried film may burn.

Hazardous Combustion Products

See Section 10

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions

Avoid any uncontrolled release of material. Wear chemical splash goggles, impervious gloves, appropriate respirators, and protective clothing until all hazards are known.

Spills / Leaks

If spill/leak occurs, eliminate ignition sources and ventilate area. Evacuate all unnecessary personnel. Wear full protective equipment. Dike drains to prevent entering storm or sanitary sewers, rivers, streams, or waterways. Contain spill and cover with inert absorbent material. Clean using non-sparking tools (aluminum, brass, copper) and place mixture into containers for disposal. Note: Some spills/releases may require special reporting to local, state or federal agencies.

SECTION 7: HANDLING AND STORAGE

Handling

Handle using good industrial hygiene and safety practices. Avoid breathing vapors, spray mists, or dusts. Avoid contact with eyes and skin. Do not take internally. Use adequate ventilation, respiratory and personal protection. Avoid spraying hot surfaces.

Storage

Keep liquid and vapor away from heat, sparks, and flame. Turn off or remove all sources of ignition. Use proper methods of ventilation to prevent vapor buildup. Avoid contact with hot metal surfaces. Avoid free fall of liquids. Ground and bond fixed equipment, pails, drums and other transfer containers. Do not reuse, weld, drill, or heat empty containers which may contain explosive vapors.

Keep container closed when not in use and during transit. Store container in an upright position in a cool, dry environment and protect from damage. Use adequate ventilation. Follow label warnings until thoroughly cleaned or until container is sent for disposal. Do not remove or deface labels until empty containers have been destroyed or thoroughly cleaned. Do not transfer product to unlabeled containers. Do not store above 120 deg. F (50 deg. C).

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits

Chemical Description	OSHA PEL	ACGIH TLV	Other
Ethylene glycol monobutyl ether	50 ppm	20 ppm	(skin)
Dipropylene glycol monobutyl ether	NOT EST.	NOT EST.	NOT EST.
Silica, amorphous fumed	NOT EST.	NOT EST.	3 mg/m3
Triethylamine	25 ppm	1 ppm STEL	4.1 mg/m3 (skin)



## Engineering Controls

USE WITH ADEQUATE VENTILATION. Open all doors and windows to achieve cross-ventilation or provide mechanical ventilation in work and surrounding areas. Maintain cross-ventilation during and after application until all vapors and fumes are gone.

## Personal Protective Equipment

- Hand** Wear gloves to prevent skin contact. Wash hands with soap and water after using and before eating or using tobacco products.
- Eyes** Wear safety glasses to protect from liquid splash. Ensure eye wash and safety showers are near workstations.
- Skin** Avoid contact with skin.
- Respiratory** Ensure fresh air entry during application and drying. Though not expected, increase ventilation if irritation occurs. Wear respirator with particulate filter or dust mask to avoid breathing sanding dusts if needed.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Cloudt liquid	Upper Flammability/Explosive Limit	20.40
Odor	Mild	Lower Flammability/Explosive Limit	0.60
pH value	No Data	Vapor Pressure	No Data
Freezing Point (F)	32.00	Vapor Density	No Data
Boiling Point (F)	No Data	Vapor Temperature	No Data
Boiling Range	212.00 - 340.00	Relative Density/Specific Gravity	8.62844
Flash Point (F)	Not Applicable	Solubility	Completely Water Soluble
Flash Point Method Used	P Marten	Partition Coefficient	No Data
Evaporation Rate	No Data	Auto-Ignition Temperature	No Data
Flammability	No	Decomposition Temperature	No Data
Viscosity	See Tech Data Sheet		

## SECTION 10: STABILITY AND REACTIVITY

Chemical Reactivity	Will not occur.
Chemical Stability	Stable.
Conditions to Avoid	High temperatures and humidity.
Materials to Avoid	Not Applicable.
Hazardous Decomposition	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: TOXICOLOGICAL INFORMATION

### Acute Toxicity

Reportable Components	LD50 Oral	LC50 Inhalation	LD50 Dermal
Ethylene glycol monobutyl ether	Not available	Not available	Not available
Dipropylene glycol monobutyl ether	4,000 mg/kg	Not available	> 2,000 mg/kg
Silica, amorphous fumed	Not available	Not available	Not available
Triethylamine	730 mg/kg	7 mg/l (4H)	580 mg/kg

### Inhalation

Description of Effects From Short- and Long-Term Exposure:

Though not expected, vapor and mist may irritate nose, throat, and lungs. Move to fresh air. Dust, sanding dusts and particles may cause nose and throat irritation. Harmful if inhaled.

### Ingestion

Description of Effects From Short- and Long-Term Exposure:

Swallowing may cause irritation. Harmful if swallowed.

### Eyes

Description of Effects From Short- and Long-Term Exposure:

Contact with liquid may cause irritation.

### Skin

Description of Effects From Short- and Long-Term Exposure:

Contact may cause mild irritation. Harmful if in contact with skin.

### Carcinogen Information

Not Applicable.

### Carcinogens Listing

NTP	No
IARC	No
OSHA	No

## SECTION 12: ECOLOGICAL INFORMATION

### Aquatic Toxicity

Dipropylene glycol monobutyl ether



Toxicity to Fish LC50: 841 mg/l - 96 h

Toxicity to Algae EC50: Not Available

Triethylamine

Toxicity to Fish LC50: 24 mg/l - 96 h

Toxicity to Algae EC50: 1.1 mg/l - 72 h

Biodegradability No Data

Bioaccumulation No Data

SECTION 13: DISPOSAL CONSIDERATION

Waste materials and empty container must be disposed of in accordance with applicable federal, state/provincial, and local regulations. Regulations may vary by location. Empty containers may hold hazardous vapors. Do not weld or expose to heat.

SECTION 14: TRANSPORT INFORMATION

DOT Description

WATERBASE PAINT, NOT REGULATED

SECTION 15: REGULATORY INFORMATION

TSCA Status In compliance with TSCA inventory requirements for commercial purposes.

SARA 312 Regulated Chemical(s) Ethylene glycol monobutyl ether  
Dipropylene glycol monobutyl ether  
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Triethylamine

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California Prop. 65 Not Applicable.

PA Right to know Chemical(s) Ethylene glycol monobutyl ether  
Silica, amorphous fumed  
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MA Right to know Chemical(s) Ethylene glycol monobutyl ether  
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Canada Not Applicable.



Additional Regulatory Information

Not Applicable.

**SECTION 16: OTHER INFORMATION**

HMIS

DuraWave WB Clear 1K/2K Polyurethane Semi-Gloss

<b>HEALTH</b>	1*
<b>FLAMMABILITY</b>	0
<b>REACTIVITY</b>	0
<b>PERSONAL PROTECTION</b>	X

HMIS® Hazardous Material Information System

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Pictograms	
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Signal Word	Warning
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Fire Hazard No



Extinguishing Media

Foam, CO2, Dry Chemical, Water Mist

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Hazardous Combustion Products

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## SECTION 7: HANDLING AND STORAGE

Handling

Handle using good industrial hygiene and safety practices. Avoid breathing vapors, spray mists, or dusts. Avoid contact with eyes and skin. Do not take internally. Use adequate ventilation, respiratory and personal protection. Avoid spraying hot surfaces.

Storage

Keep liquid and vapor away from heat, sparks, and flame. Turn off or remove all sources of ignition. Use proper methods of ventilation to prevent vapor buildup. Avoid contact with hot metal surfaces. Avoid free fall of liquids. Ground and bond fixed equipment, pails, drums and other transfer containers. Do not reuse, weld, drill, or heat empty containers which may contain explosive vapors.

Keep container closed when not in use and during transit. Store container in an upright position in a cool, dry environment and protect from damage. Use adequate ventilation. Follow label warnings until thoroughly cleaned or until container is sent for disposal. Do not remove or deface labels until empty containers have been destroyed or thoroughly cleaned. Do not transfer product to unlabeled containers. Do not store above 120 deg. F (50 deg. C).

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits

Chemical Description	OSHA PEL	ACGIH TLV	Other
Ethylene glycol monobutyl ether	50 ppm	20 ppm	(skin)
Dipropylene glycol monobutyl ether	NOT EST.	NOT EST.	NOT EST.
Silica, amorphous fumed	NOT EST.	NOT EST.	3 mg/m3
Triethylamine	25 ppm	1 ppm STEL	4.1 mg/m3 (skin)

Engineering Controls

USE WITH ADEQUATE VENTILATION. Open all doors and windows to achieve cross-ventilation or provide mechanical ventilation in work and surrounding areas. Maintain cross-ventilation during and after application until all vapors and fumes are gone.

Personal Protective Equipment

- Hand: Wear gloves to prevent skin contact. Wash hands with soap and water after using and before eating or using tobacco products.
- Eyes: Wear safety glasses to protect from liquid splash. Ensure eye wash and safety showers are near workstations.
- Skin: Avoid contact with skin.
- Respiratory: Ensure fresh air entry during application and drying. Though not expected, increase ventilation if irritation occurs. Wear respirator with particulate filter or dust mask to avoid breathing sanding dusts if needed.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Cloudt liquid	Upper Flammability/Explosive Limit	20.40
Odor	Mild	Lower Flammability/Explosive Limit	0.60
pH value	No Data	Vapor Pressure	No Data
Freezing Point (F)	32.00	Vapor Density	No Data
Boiling Point (F)	No Data	Vapor Temperature	No Data
Boiling Range	212.00 - 340.00	Relative Density/Specific Gravity	8.62844
Flash Point (F)	Not Applicable	Solubility	Completely Water Soluble
Flash Point Method Used	P Marten	Partition Coefficient	No Data
Evaporation Rate	No Data	Auto-Ignition Temperature	No Data
Flammability	No	Decomposition Temperature	No Data
Viscosity	See Tech Data Sheet		

SECTION 10: STABILITY AND REACTIVITY

Chemical Reactivity	Will not occur.
Chemical Stability	Stable.
Conditions to Avoid	High temperatures and humidity.
Materials to Avoid	Not Applicable.
Hazardous Decomposition	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity

Reportable Components	LD50 Oral	LC50 Inhalation	LD50 Dermal
Ethylene glycol monobutyl ether	Not available	Not available	Not available
Dipropylene glycol monobutyl ether	4,000 mg/kg	Not available	> 2,000 mg/kg
Silica, amorphous fumed	Not available	Not available	Not available
Triethylamine	730 mg/kg	7 mg/l (4H)	580 mg/kg

Inhalation

Description of Effects From Short- and Long-Term Exposure:

Though not expected, vapor and mist may irritate nose, throat, and lungs. Move to fresh air. Dust, sanding dusts and particles may cause nose and throat irritation. Harmful if inhaled.

Ingestion

Description of Effects From Short- and Long-Term Exposure:

Swallowing may cause irritation.Harmful if swallowed.

Eyes

Description of Effects From Short- and Long-Term Exposure:

Contact with liquid may cause irritation.

Skin

Description of Effects From Short- and Long-Term Exposure:

Contact may cause mild irritation.Harmful if in contact with skin.

Carcinogen Information

Not Applicable.

Carcinogens Listing

NTP	No
IARC	No
OSHA	No

SECTION 12: ECOLOGICAL INFORMATION

Aquatic Toxicity

Dipropylene glycol monobutyl ether



Toxicity to Fish LC50: 841 mg/l - 96 h

Toxicity to Algae EC50: Not Available

Triethylamine

Toxicity to Fish LC50: 24 mg/l - 96 h

Toxicity to Algae EC50: 1.1 mg/l - 72 h

Biodegradability No Data

Bioaccumulation No Data

SECTION 13: DISPOSAL CONSIDERATION

Waste materials and empty container must be disposed of in accordance with applicable federal, state/provincial, and local regulations. Regulations may vary by location. Empty containers may hold hazardous vapors. Do not weld or expose to heat.

SECTION 14: TRANSPORT INFORMATION

DOT Description

WATERBASE PAINT, NOT REGULATED

SECTION 15: REGULATORY INFORMATION

TSCA Status In compliance with TSCA inventory requirements for commercial purposes.

SARA 312 Regulated Chemical(s) Ethylene glycol monobutyl ether
Dipropylene glycol monobutyl ether
Silica, amorphous fumed
Triethylamine

SARA 313 Regulated Chemical(s) Ethylene glycol monobutyl ether
Triethylamine

California Prop. 65 Not Applicable.

PA Right to know Chemical(s) Ethylene glycol monobutyl ether
Silica, amorphous fumed
Triethylamine

NJ Right to know Chemical(s) Ethylene glycol monobutyl ether
Triethylamine

MA Right to know Chemical(s) Ethylene glycol monobutyl ether
Silica, amorphous fumed
Triethylamine

Canada Not Applicable.

Additional Regulatory Information

Not Applicable.

SECTION 16: OTHER INFORMATION

HMIS

DuraWave WB Clear 1K/2K Polyurethane Satin

<b>HEALTH</b>	1*
<b>FLAMMABILITY</b>	0
<b>REACTIVITY</b>	0
<b>PERSONAL PROTECTION</b>	X

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