

**SECTION 1: IDENTIFICATION**

<b>Product Name</b>	NuWave Water Base Clear PreCat Lacquer Satin
<b>Product Code #</b>	280103.ST
<b>Manufacturer</b>	Gemini Industries, Inc.
<b>Address</b>	421 SE 27th Street El Reno, OK 73036
<b>Phone</b>	Local: (800) 262-5710 Toll Free: (800) 444-7833
<b>Emergency Contact</b>	CHEMTREC (24HR Emergency Telephone), call: 1-800-424-9300 International CHEMTREC, call: 1-800-255-3924
<b>Recommended Use/Restrictions</b>	For Wood Substrates Only.

**SECTION 2: HAZARD(S) IDENTIFICATION**

<b>Classifications</b>	Skin Corrosion: Category 3 Eye Damage/Irritant: Category 2
<b>Pictograms</b>	
<b>Signal Word</b>	Warning
<b>Hazard Statements</b>	H316   Causes mild skin irritation. H319   Causes serious eye irritation.
<b>Precautionary Statements</b>	P264   Wash any exposed body parts thoroughly after handling. P280   Wear protective gloves/protective clothing/eye protection/face protection. P305 + P351 + P338   IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P333 + P313   If skin irritation or rash occurs: Get medical advice/attention. P337 + P313   If eye irritation persists: Get medical advice/attention.
<b>Percent of the mixture consisting of ingredient(s) of unknown toxicity</b>	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**

<b>Reportable Components</b>	<b>% of Comp.</b>	<b>CAS No.</b>
N-BUTOXYPROPANOL	5 - 10%	5131-66-8
DIPROPYLENE GLYCOL MONOBUTYL ETHER	1 - 5%	29911-28-2

**SECTION 4: FIRST AID MEASURES**



<b>General Advice</b>	Have Safety Data Sheet available when calling Poison Control Center (1-800-222-1222) or physician; or when going to the emergency room.
<b>Eyes</b>	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.
<b>Skin</b>	Wash skin with soap and water. Though not expected, if irritation occurs, get medical attention.
<b>Inhalation</b>	Though not expected, if breathing is difficult, move to fresh air. If difficulty persists, get medical attention.
<b>Ingestion</b>	Irritation may occur. If irritation persists, get medical attention.

### SECTION 5: FIRE FIGHTING MEASURES

<b>Fire Hazard</b>	No
<b>Extinguishing Media</b>	Foam, CO2, Dry Chemical, Water Mist
<b>Special Protective Equipment and Firefighting Procedures</b>	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.
<b>Unusual Fire &amp; Explosion</b>	Material may splatter when heated. Dried film may burn.
<b>Hazardous Combustion Products</b>	See Section 10

### SECTION 6: ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Keep container closed to avoid spill or accidental release. If spilled, wear safety glasses, protective gloves and other personal protective equipment when cleaning spilled material.
<b>Spills / Leaks</b>	If spill/leak occurs, wear protective equipment. Dike drains to prevent entering storm or sanitary sewers, rivers, streams, or waterways. Contain spill and cover with inert absorbent material. Place collected material into containers and dispose of according to local and federal regulations.

### SECTION 7: HANDLING AND STORAGE

<b>Handling</b>	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.
<b>Storage</b>	Keep container closed when not in use and during transit. Store in a sealed container in a cool, dry environment. Keep from freezing. 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
N-BUTOXYPROPANOL Dipropylene glycol monobutyl ether	NOT EST. NOT EST.	NOT EST. NOT EST.	NOT EST. NOT EST.

**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**

<b>Hand</b>	Wear gloves to prevent skin contact. Wash hands with soap and water after using and before eating or using tobacco products.
<b>Eyes</b>	Wear safety glasses to protect from liquid splash. Ensure eye wash and safety showers are near workstations.
<b>Skin</b>	Avoid contact with skin.
<b>Respiratory</b>	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**

<b>Appearance</b>	Clear liquid	<b>Upper Flammability/Explosive Limit</b>	20.40
<b>Odor</b>	Mild	<b>Lower Flammability/Explosive Limit</b>	0.60
<b>pH value</b>	No Data	<b>Vapor Pressure</b>	No Data
<b>Freezing Point (F)</b>	No Data	<b>Vapor Density</b>	No Data
<b>Boiling Point (F)</b>	No Data	<b>Vapor Temperature</b>	No Data
<b>Boiling Range</b>	212.00 - 338.00	<b>Relative Density/Specific Gravity</b>	8.49742
<b>Flash Point (F)</b>	Not Applicable	<b>Solubility</b>	Water Soluble
<b>Flash Point Method Used</b>	P Marten	<b>Partition Coefficient</b>	No Data
<b>Evaporation Rate</b>	Slower than butyl acetate	<b>Auto-Ignition Temperature</b>	No Data
<b>Flammability</b>	No	<b>Decomposition Temperature</b>	No Data
<b>Viscosity</b>	See Tech Data Sheet		

**SECTION 10: STABILITY AND REACTIVITY**



<b>Chemical Reactivity</b>	Will not occur.
<b>Chemical Stability</b>	Stable.
<b>Conditions to Avoid</b>	High temperatures and humidity.
<b>Materials to Avoid</b>	None known.
<b>Hazardous Decomposition</b>	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
N-BUTOXYPROPANOL Dipropylene glycol monobutyl ether	5,009 mg/kg 4,000 mg/kg	Not available Not available	Not available > 2,000 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.

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

Swallowing may cause irritation.

**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.

**Carcinogen Information**

Product does not contain carcinogen at or above reportable concentration.

**Carcinogens Listing**

<b>NTP</b>	No
<b>IARC</b>	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

**Biodegradability**

Readily biodegradable

**Bioaccumulation**

Not expected

**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.

**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)**

N-BUTOXYPROPANOL

Dipropylene glycol monobutyl ether

**SARA 313 Regulated Chemical(s)****California Prop. 65****WARNING:** Cancer - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).**PA Right to know Chemical(s)****NJ Right to know Chemical(s)****MA Right to know Chemical(s)****Canada**

Not Applicable.

**Additional Regulatory Information**

Not Applicable.



**SECTION 16: OTHER INFORMATION**

**HMIS**

NuWave Water Base Clear PreCat

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

**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**

THE INFORMATION CONTAINED HEREIN HAS BEEN COMPILED FROM SOURCES CONSIDERED TO BE RELIABLE. TO THE BEST OF OUR KNOWLEDGE AND BELIEF, ALL INFORMATION IS ACCURATE AND IS PROVIDED IN GOOD FAITH. HOWEVER, NO GUARANTEE OF ACCURACY IS MADE OR IMPLIED.



## ENVIRONMENTAL DATA SHEET

**PRODUCT PRODUCT NAME**                      **280103.GL\***  
**NuWave Clear Water Base PreCat Lacquer Gloss**

**MANUFACTURER**  
GEMINI INDUSTRIES, INC.  
421 SE 27th STREET  
EL RENO, OK 73036

### VOC / VHAPS DATA

<b>COATING CATEGORY</b>	WOOD COATING	
<b>SPECIFIC GRAVITY</b>	1.01	
<b>COATING DENSITY</b>	8.43 LB/GAL	
<b>TOTAL SOLIDS</b>	29.55 % BY WT	27.42 % BY VOL
<b>TOTAL VOLATILES</b>	70.45 % BY WT	72.58 % BY VOL
<b>ACTUAL VOC (MATERIAL)</b>	0.85 LB/GAL	102 g/l
<b>REGULATORY VOC (LESS EXEMPT)</b>	2.18 LB/GAL	261 g/l
<b>REGULATORY VOC (CATALYZED)</b>	N/A LB/GAL	N/A g/l
<b>VOC RATIO (MATERIAL)</b>	0.34 lb VOC/lb solids	
<b>VHAPS</b>	0.01 lb/gal	
	N/A lb/lb solids	
	0.04 lb/vol solids	

### HAPS COMPOUNDS

<u>COMPOUND</u>	<u>% BY WEIGHT</u>	<u>% BY VOLUME</u>
Diethylene glycol monobutyl ether	0.13	0.14

The information contained in this document is provided to assist the user of this product in complying with the appropriate federal, state, and local laws and regulations. Although Rudd Company, Inc. believes the data contained herein to be accurate and to have been derived through testing and other reliable sources, the providing of this information is not intended to constitute a warranty or a representation of performance by Rudd Company, Inc.

\*Data for other sheens available upon request.

Last Updated: 1/31/2022