CENTURION WOOD COATINGS

SAFETY DATA SHEET
W/B Clear Polyurethane Topcoat 2K

1. PRODUCT AND COMPANY IDENTIFICATION

DATE ISSUED:	8/2/2024
SDS REF. No:	CW-3028

PRODUCT NAME: **W/B Clear Polyurethane Topcoat 2K**

PRODUCT CODE: CW-3025 (Flat), CW-3026 (Satin), CW-3027 (Semi), CW-3028 (Gloss)
SYNONYMS:
CAS NUMBER:
PRODUCT USE: Paint

MANUFACTURER:
CIC Coatings, LLC
2935 Almeta Ln

McKinney, TX,
877-258-8797

24 HR. EMERGENCY TELEPHONE NUMBER
Velocity EHS : (800)255-3924

2. HAZARDS IDENTIFICATION

GHS Classification:

Skin irritation	Category 2
Eye irritation	Category 2A
Aspiration hazard	Category 1

Hazard Symbols:

Single word: Warning

Hazard statements:

Combustible liquid.
Harmful if swallowed, in contact with skin or if inhaled
Causes skin irritation.
Causes serious eye irritation.
May cause respiratory irritation.

Precautionary statements:

Prevention:
Keep away from heat/sparks/open flames/hot surfaces. No smoking.
Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
Wash skin thoroughly after handling.
Do not eat, drink or smoke when using this product.
Use only outdoors or in a well-ventilated area.
Wear protective gloves/ eye protection/ face protection.

Response:
IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell. Rinse mouth.
IF ON SKIN: Wash with plenty of soap and water. Call a POISON CENTER or doctor/ physician if you feel unwell.
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If skin irritation occurs: Get medical advice/ attention.
If eye irritation persists: Get medical advice/ attention.
Take off contaminated clothing and wash before reuse.
In case of fire: Use dry sand, dry chemical or alcohol resistant foam to extinguish.

Storage:
Store in a well-ventilated place. Keep container tightly closed.
Store in a well-ventilated place. Keep cool.
Store locked up.

Disposal:
Dispose of contents/ container to an approved waste disposal plant.

Other hazards: None Known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No.	Concentration (% wt)
2-butoxyethanol	111-76-2	1-5%
1-Methyl-2-pyrrolidinone (NMP)	872-50-4	1-5%
Dipropylene Glycol Monobutyl Ether	29911-28-2	0-1%

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

4. FIRST AID MEASURES

If inhaled:
Remove to fresh air.
If not breathing, give artificial respiration.
If breathing is difficult, give oxygen.
Get immediate medical advice/ attention.

In case of skin contact:
Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
Get immediate medical advice/ attention.
Wash contaminated clothing before reuse.

In case of eye contact:
In case of contact, immediately flush eyes with plenty of water for at least 15 minutes.
Get medical advice/ attention.

If swallowed:
Seek medical advice.

Most important symptoms and effects, both acute and delayed:
Irritating to eyes, respiratory system and skin. Harmful if swallowed, in contact with skin or if inhaled Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.

Notes to physician:
Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media:	Water spray, Dry chemical, Carbon dioxide (CO2)
Unsuitable extinguishing media:	None known.
Specific hazards during firefighting:	Forms peroxides of unknown stability.
Hazardous combustion products:	No hazardous combustion products are known
Further information:	Combustible liquid and vapour.
Special protective equipment for firefighters:	Self-contained breathing apparatus and full protective clothing must be worn in case of fire

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:	Wear appropriate personal protective equipment.
Environmental precautions:	Avoid release to the environment.
Methods and materials for containment and cleaning up:	Prevent runoff from entering drains, sewers, or streams.
Notification Procedures:	According to local laws a regulations.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING: Avoid breathing mist or vapors. Avoid contact with eyes, skin, and clothing. Use only with adequate ventilation. Wash thoroughly after handling.

CONDITIONS FOR SAFE STORAGE, INCLUDING INCOMPATIBILITIES : KEEP OUT OF REACH OF CHILDREN! Empty containers retain product residue and can be dangerous. Do not pressurize, cut weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks static electricity, or other sources of ignition.

8. EXPOSURE CONTROLS\PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
2-butoxyethanol	111-76-2	TWA	20 ppm	ACGIH
		TWA	5 ppm 24 mg/m3	NIOSH REL
		TWA	50 ppm 240 mg/m3	OSHA Z-1
		TWA	25 ppm 120 mg/m3	OSHA P0
1-Methyl-2-pyrrolidinone (NMP)	872-50-4	TWA	15 ppm 60 mg/m3	WEEL
		STEL	30 ppm 120 mg/m3	WEEL
Dipropylene Glycol Monobutyl Ether	29911-28-2		Not listed	

ENGINEERING CONTROLS: Provide exhaust ventilation sufficient to keep the airborne concentration of this product below its exposure limits. Exhaust air may need to be cleaned by scrubbers or filters to reduce environmental contamination.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Use chemical safety goggles and/or full face shield where splashing is possible. Contact lenses should not be worn when working with this material. Maintain eye wash fountain and quick-drench facilities in work areas.

SKIN: Wear resistant gloves (consult your safety equipment supplier). To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

RESPIRATORY: If exposure may or does exceed occupational exposure limits (Section 8) use a NIOSH approved respirator to prevent overexposure. In accord with 29 CFR 1910.134, use either an atmosphere-suppling respirator or an air-purifying respirator for organic vapors

WORK HYGIENIC PRACTICES: Use good personal hygiene when handling this product. Wash hands after use, before eating, drinking, smoking, or using the toilet.

OTHER USE PRECAUTIONS: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

COMMENTS: May be harmful or fatal if swallowed. May irritate body tissues. Use with adequate ventilation. Avoid breathing vapor. Do not get in eyes, on skin, on clothing. Wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

COLOR: Translucent

ODOR: Faint butyl odor

pH: 8.5-9.0

BOILING POINT: 171 C

FREEZING POINT: -75 C

FLASH POINT:

VOLATILE ORGANIC COMPOUNDS: 49 G/L (.41 lbs/gal)

(Material VOC Theoretical – As Packaged)

HAZARDOUS AIR POLLUTANTS (HAP's): NONE

(HAP's Theoretical – As Packaged)

SOLUBILITY IN WATER: completely soluble

DENSITY (Lb/Gal)**:** 8.58

EVAPORATION RATE: No further relevant information available

SPECIFIC GRAVITY: 1.03

10. STABILITY AND REACTIVITY

STABILITY: Yes

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Avoid Freezing

POLYMERIZATION : Avoid heat, flame, and other sources of ignition.

HAZARDOUS DECOMPOSITION PRODUCTS: None known

INCOMPATIBLE MATERIALS: Strong Oxidizing agents

POSSIBILITY OF HAZARDOUS REACTIONS : No Data Available

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:

Chemical Name	WT %		
2-butoxyethanol (111-76-2)	1-5%	Acute Oral toxicity	LD50 (Rat): 1,300 mg/kg
		Acute inhalation toxicity	LC50 (Rat): > 4.9 mg/l Exposure time: 3 h
		Acute dermal toxicity	LD50 (Rat): > 2,000 mg/kg
1-Methyl-2-pyrrolidinone (NMP) (872-50-4)		Acute Oral toxicity	LD50 (Rat): 4,150 mg/kg
		Acute inhalation toxicity	LC50 (Rat): > 5.1 mg/l Exposure time: 4 h
		Acute dermal toxicity	LD50 (Rat): > 5,000 mg/kg
Dipropylene Glycol Monobutyl Ether	0-1%		

(29911-28-2)

Acute inhalation toxicity	LC50 (Rat) >2040mg/m 3 /263ppm
Acute dermal toxicity	LD50 (rabbit) 5340 & 6488mg/kg

Acute effects:

EYE: Causes Serious Eye Irritation

SKIN: Causes skin irritation. Allergic reactions are possible.

INHALATION: Harmful if inhaled. High gas, vapor, mist or dust concentrations may be harmful if inhaled. Avoid breathing fumes, spray, vapors, or mist. High vapor concentrations are irritating to the eyes, nose, throat and lungs.

INGESTION: Harmful if swallowed.

CHRONIC TOXICITY:

Carcinogenicity: Not classified based on available information.

Reproductive toxicity: no adverse effect observed.

Specific Target Organ toxicity-single exposure: not classified

Specific Target Organ toxicity-repeated exposure: not classified

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION:

Ecotoxicity

2-butoxyethanol (111-76-2)
Dipropylene Glycol Monobutyl Ether (29911-28-2)

Toxicity to fish	LC50 (Oncorhynchus mykiss (rainbow trout)): 1,474 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	EC50 (Daphnia magna (Water flea)): 1,550 mg/l Exposure time: 48 h

Toxicity to algae	EC50 (Pseudokirchneriella subcapitata (algae)): 1,840 mg/l Exposure time: 72 h
Toxicity to fish (Chronic toxicity)	NOEC (Danio rerio (zebra fish)): > 100 mg/l Exposure time: 21 d
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	NOEC (daphnid): 100 mg/l Exposure time: 21 d
Biodegradability	90.4% (28 days) readily biodegradable
Bio accumulative potential	This material is no expected to bio accumulate.
Mobility to soil	Expected to partition to water.
Mobility to soil	Expected to partition to water.

OTHER ADVERSE EFFECTS : No further relevant information available

13. DISPOSAL CONSIDERATIONS

RECOMMENDATIONS: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional

SAFE HANDLING: Dispose of in accordance with federal, state, provincial, and local regulations. Local requirements may vary, consult your sanitation department or state-designated environmental protection agency for more disposal options.

14. TRANSPORT INFORMATION

	DOT	IMDG	IATA
UN Number	Not regulated	Not regulated	Not regulated
Proper shipping Name	Water Based Paint	Water Based Paint	Water Based Paint
Hazard Class	N/A	N/A	N/A
Packing Group	N/A	N/A	N/A
Marine Pollutant	NO	NO	NO

***** CIC Coatings, LLC verifies that the material was supplied and shipped in the proper packages in accordance with DOT and federal regulations that are applicable to the mode of transportation**

selected. The shipper must verify that the packaging supplied is acceptable to be re-shipped in per the federal regulations applicable to the mode of transportation for reshipment. Regulations may change depending on mode of transportation selected.***

15. REGULATORY INFORMATION

U.S. Federal Regulations

TSCA 12(b):

CAS# 111-76-2 2-Butoxyethanol, CAS# 29911-28-2 Dipropylene Glycol Monobutyl Ether are listed on the TSCA inventory.

SARA 313: This product contains the following chemicals subject to the reporting requirements of SARA Title III, Section 313 and 40 CFR 372:

Component Reporting	Threshold
2-Butoxyethanol	1%
1-Methyl-2-pyrrolidinone (NMP)	

SARA 311/312 Hazardous Categorization
Acute Health Hazard: Yes
Chronic Health Hazard: Yes
Fire Hazard: Yes
Sudden Release of Pressure Hazard: No
Reactive Hazard: No
Clean Water Act: Not applicable
Clean Air Act: The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCMI Intermediate or Final VOC's (40 CFR 60.489):
OSHA:
CERCLA: This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive
Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)
Component Hazardous Substances:

STATE:
This product contains chemicals that can be found on the following state right to know lists: California, New Jersey, Florida, Pennsylvania, Minnesota, Massachusetts.

U.S. - California - Proposition 65 - Carcinogens List
No

U.S. - California - Proposition 65 - Developmental Toxicity
1-Methyl-2-pyrrolidinone (NMP)
U.S. - California - Proposition 65 - Reproductive Toxicity - Female

No

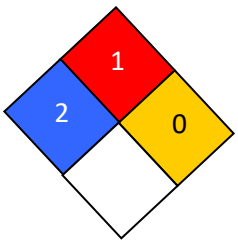
U.S. - California - Proposition 65 - Reproductive Toxicity - Male
No

No significant risk level (NSRL) 7000 µg/day

16. OTHER INFORMATION

HMIS RATING	
Health :	2
Flammability :	1
Reactivity :	0
Personal Protection :	I

NFPA CODES



REVISION INDICATOR : No Data Available

MANUFACTURER DISCLAIMER: To the best of CIC Coatings, LLC knowledge, all information, recommendations, and suggestions appearing herein concerning this product are taken from raw material sources or based upon data believed to be reliable. Although reasonable are has b