

5025 Bluetone Clear Waterbase Coating

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT CODE: 5025
PRODUCT NAME: BLUETONE CLEAR WATERBASE COATING
PRODUCT USE: Liquid Paint
MANUFACTURER: RAE Products & Chemicals Corporation
11638 South Mayfield Avenue.
Alsip, IL 60803
1-(877)-275-7550

24 HR. EMERGENCY TELEPHONE NUMBER
CHEMTREC (US): 1 (800) 424-9300

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Skin and eye irritant.

CLASSIFICATION:

Flammable liquids - Category 3
Eye irritation - Category 2A
S.T.O.T. - single exposure - Category 3 (Central nervous system)
S.T.O.T. - single exposure - Category 3 (Respiratory system)
Acute toxicity, Inhalation - Category 4
Acute toxicity, Dermal - Category 4
Skin irritation - Category 2
Acute toxicity (Oral) - Category 4
Flammable liquids - Category 4

PICTOGRAMS:



SIGNAL WORD: WARNING

HAZARD STATEMENTS:

H227 - Combustible liquid.
H302+H312+H332 - Harmful if swallowed, in contact with skin or if inhaled.
H315 - Causes skin irritation.
H226 - Flammable liquid and vapor.
H319 - Causes serious eye irritation.
H335 - May cause respiratory irritation.
H336 - May cause drowsiness or dizziness.

PRECAUTIONARY STATEMENTS:

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P260 - Do not breathe dust/fumes/gas/mist/vapors/spray.
P264 - Wash thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P271 - Use only outdoors or in a well-ventilated area.
P233 - Keep container tightly closed.
P240 - Ground/bond container and receiving equipment.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P241 - Use explosion-proof electrical / ventilating / lighting / equipment.
P242 - Use only non-sparking tools.
P243 - Take precautionary measures against static discharge.

POTENTIAL HEALTH EFFECTS:

EYES: Can cause severe eye irritation.
SKIN: Can cause skin irritation.
INGESTION: Harmful if swallowed. Irritating to mouth, throat and stomach.
INHALATION: Harmful if inhaled. May cause drowsiness and dizziness. Vapors may cause respiratory irritation. Aspiration hazard - can enter lungs and cause damage.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>CHEMICAL NAME</u>	<u>CAS NUMBER</u>	<u>WEIGHT % (MAX)</u>
ETHYLENE GLYCOL MONOBUTYL ETHER	111-76-2	6.51
sec-BUTYL ALCOHOL	78-92-2	5.23

4. FIRST AID MEASURES

EYES: Rinse thoroughly with plenty of water, also under the eyelids for at least 15 minutes. Seek medical attention if needed.

SKIN: Wash off with soap and water immediately. Remove all contaminated clothing. Seek medical attention if needed.

INGESTION: Call Poison Control Center immediately. Do not induce vomiting unless directed by medical personnel. Never give anything by mouth to an unconscious person.

INHALATION: Move to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Seek medical attention if needed.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:

SYMPTOMS: Eye and skin irritation. Drowsiness and dizziness.

EFFECTS: Pain or irritation, coughing, nausea or vomiting, headache, unconsciousness.

NOTES TO PHYSICIAN: Treat symptomatically. If large quantities have been ingested or inhaled, contact poison control center immediately.

5. FIRE FIGHTING MEASURES

PERSONAL PRECAUTIONS: See Section 8

EXTINGUISHING MEDIA: Carbon Dioxide, dry chemical or foam

FIRE FIGHTING PROCEDURES: Isolate scene. Use appropriate extinguishing media. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus with full face-piece operated in positive pressure mode.

UNUSUAL FIRE HAZARD: Vapors are heavier than air and may travel along the ground and be ignited by heat, open flame or other ignition sources. Keep containers tightly closed. Isolate from heat, sparks, electrical equipment and open flames. Closed containers may explode when exposed to extreme heat. Thermal decomposition can lead to release of irritating gases and vapors.

6. ACCIDENTAL RELEASE MEASURES

SPILL: Evacuate all nonessential personnel. Remove all sources of ignition. Ventilate the area. Equip employees with appropriate personal protective equipment. Dike around spilled material. Cover spill with inert absorbent material. Use non-sparking tools.

PERSONAL PRECAUTIONS: Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate unnecessary personnel to safe areas. Beware of vapors, accumulating to form explosive concentrations.

METHOD OF CLEAN UP: Contain spillage. Absorb with inert dry material and place in appropriate waste disposal container. Dispose of in accordance with all local, State or Federal regulations.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING: Avoid exposure to high temperatures. Do not allow to freeze. This product is stable under normal use and storage conditions. Keep out of reach of children.

CONDITIONS FOR SAFE STORAGE: Keep container tightly closed in a dry, cool and well-ventilated area, away from sources of heat, fire or sparks. Do not store in unlabeled containers.

8. EXPOSURE CONTROLS\PERSONAL PROTECTION

<u>CHEMICAL NAME</u>	<u>CAS NUMBER</u>	<u>OEL</u>
ETHYLENE GLYCOL MONOBUTYL ETHER	111-76-2	OSHA PEL: 25 ppm, ACGIH TWA: 20 ppm
sec-BUTYL ALCOHOL	78-92-2	OSHA and ACGIH TWA: 100 pp m

NL = Not Listed

ENGINEERING CONTROLS: Use only with proper ventilation. Use explosion-proof ventilation equipment if necessary.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses with side shields or chemical splash goggles.

SKIN: Chemical resistant impervious gloves.

RESPIRATORY: In case of insufficient ventilation wear suitable respiratory equipment.

WORK HYGIENIC PRACTICES: Handle in accordance with good industrial hygiene and safety practice(s). Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use.

OTHER PRECAUTIONS: Wear impervious clothing and appropriate footwear.

9. PHYSICAL AND CHEMICAL PROPERTIES

COLOR & PHYSICAL STATE: Blue liquid	SPECIFIC GRAVITY: 1.0050
ODOR: Characteristic of ammonia.	VAPOR DENSITY: Heavier than air
ODOR THRESHOLD: No information available	VAPOR PRESSURE: No information available
BOILING POINT: 336 deg F	SOLUBILITY IN WATER: Completely soluble
MELTING POINT: No information available	PARTITION COEFFICIENT: No information available
FREEZING POINT: 32 deg F	AUTO IGNITION TEMPERATURE: No information available
EVAPORATION RATE: No information available	DECOMPOSITION TEMPERATURE: No information available
FLAMMABILITY (solid,gas): Not applicable	FLAMMABILITY LIMITS: Not applicable
VISCOSITY: 25 – 28" #2 Zahn	FLASH POINT & METHOD: Not applicable
pH: >8	

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.

POSSIBILITY OF REACTION: Under normal conditions of storage and use, hazardous reactions will not occur.

CONDITIONS TO AVOID: Heat, flames and sparks. Extremes in temperature and direct sunlight.

INCOMPATIBLE MATERIALS: Avoid contact with strong oxidizing agents, heat and open flames.

DECOMPOSITION PRODUCTS: None known.

11. TOXICOLOGICAL INFORMATION

ACUTE SIGNS AND SYMPTOMS OF OVEREXPOSURE:

EYE: Causes serious eye irritation.

SKIN: Prolonged or repeated skin contact may cause irritation. Allergic reactions are possible.

INHILATION: Harmful if inhaled. Avoid breathing fumes, spray, vapors, or mist. May cause headaches and dizziness. High vapor concentrations are irritating to the eyes, nose, throat and lungs. High gas, vapor, mist or dust concentrations may be harmful if inhaled. Prolonged or excessive inhalation may cause respiratory tract irritation.

INGESTION: Harmful if swallowed. Aspiration hazard if swallowed; can enter lungs and cause damage.

CHRONIC EFFECTS: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage.

TOXICOLOGICAL INFORMATION**ETHYLENE GLYCOL MONOBUTYL ETHER (111-76-2)**

Acute oral toxicity LD50 (rat): 745 mg/kg
 Acute inhalation toxicity LC50 (rat): 550 pp m. Exposure time: 4 h
 Acute dermal toxicity LD50 (rat): 1,250 mg/kg

sec-BUTYL ALCOHOL (78-92-2)

Acute toxicity No Data Available

12. ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Prevent entry into waterways, sewers or confined areas. Do not allow material or used container to contaminate ground water system.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with all local, State and Federal regulations.
CONTAINER: Empty containers may contain product residue and should not be reused. Vapors from residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers.

14. TRANSPORT INFORMATION

SPECIAL TRANSPORT PRECAUTIONS: None known
UN NUMBER: Not regulated
DOT HAZARD CLASS: -
ERG #: -
UN PROPER SHIPPING NAME: -
PACKING GROUP: -
MARINE POLLUTANT: -

15. REGULATORY INFORMATION

TSCA CERTIFICATION: All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.
SARA 311/312 HAZARD CATEGORIES:

ACUTE HEALTH: Yes
CHRONIC HELATH: No
FIRE: No
PRESSURE GENERATING: No
REACTIVE: No

SARA 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

CHEMICAL NAME	CAS NUMBER
ETHYLENE GLYCOL MONOBUTYL ETHER	111-76-2
sec-BUTYL ALCOHOL	78-92-2

16. OTHER INFORMATION

REVISION DATE: 09/05/2024

HMIS RATING	
Health :	1
Flammability :	0
Reactivity :	0
Personal Protection :	X



NFPA CODES



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