

# Safety Data Sheet

## WB40 Epoxy

### Section 1

Product Name:  
Recommended Use:  
Supplier:  
Emergency Phone:

### Product Description

WB40 Epoxy  
Concrete sealer  
Clemons Concrete Coatings, 505 Cave Road, Nashville, TN 37210, 615-872-9099  
INFOTRAC 1-800-535-5053

### Section 2

### Hazard identification

#### Part A:

**Category 5 Acute Dermal Toxicity**

**Category 5 Acute Oral Toxicity**

**Category 2B Eye Irritant**

Signal word:

Warning

Hazard Statement:

H303 May be harmful if swallowed  
H313 May be harmful in contact with skin  
H320 Causes eye irritation

Precautionary Statement:

#### **Prevention:**

P102 Keep out of reach of children  
P264 Wash hands thoroughly after handling  
P270 Do not eat, drink, or smoke while using this product  
P234 Keep only in original container  
P271 Use only in a well-ventilated area  
P285 In case of inadequate ventilation, wear respiratory protection  
P280 Wear protective gloves and eye protection

#### **Response:**

P370+P378 In case of fire: Use extinguishing agent suitable for surrounding fire for extinction  
P302+P352 IF ON SKIN: Wash with plenty of soap and water  
P332+P313 If skin irritation occurs: Get medical advice/attention.  
P363 Wash contaminated clothing before reuse.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313 If eye irritation persists: Get medical advice/attention.  
P301+P313 IF SWALLOWED: Get medical advice/attention.  
P331 Do not induce vomiting.

#### **Storage:**

P403+P235 Store in a well-ventilated place. Keep cool.

#### **Disposal:**

P501 Dispose of contents/container in accordance with applicable local and federal laws and regulations, and product characteristics at time of disposal.

#### Part B:

**Category 4 Acute Dermal Toxicity**

**Category 2 Skin Irritant**

**Category 2A Eye Irritant**

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Signal word:

Warning

Hazard Statement:

H312 Harmful in contact with skin  
H315 Causes skin irritation  
H319 Causes serious eye irritation

Precautionary Statement:

**Prevention:**

P102 Keep out of reach of children  
P264 Wash hands thoroughly after handling  
P270 Do not eat, drink, or smoke while using this product  
P234 Keep only in original container  
P271 Use only in a well-ventilated area  
P285 In case of inadequate ventilation, wear respiratory protection  
P280 Wear protective gloves and eye protection

**Response:**

P370+P378 In case of fire: Use extinguishing agent suitable for surrounding fire for extinction  
P302+P352 IF ON SKIN: Wash with plenty of soap and water  
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P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313 If eye irritation persists: Get medical advice/attention.  
P301+P313 IF SWALLOWED: Get medical advice/attention.  
P331 Do not induce vomiting.

**Storage:**

P403+P235 Store in a well-ventilated place. Keep cool.

**Disposal:**

P501 Dispose of contents/container in accordance with applicable local and federal laws and regulations, and product characteristics at time of disposal.

## Section 3 Composition/ Information on Ingredients

	<u>CAS #</u>	<u>Conc. (wt%)</u>
<b>Part A</b>		
Alkyl Phenol Polyether	Proprietary	39.0 – 70.0
2-Propoxyethanol	2807-30-9	3.5 – 10.0
Dihydrogen Oxide	7732-18-5	15.0 – 30.0
<b>Part B</b>		
Aliphatic polyamine	Proprietary	25.0 – 40.0
Phenol, 2,4,6-Tris((dimethylamino)methyl)-	90-72-2	0.5 – 1.0
2-Propoxyethanol	2807-30-9	5.0 – 16.0
2-Butoxyethanol	111-76-2	1.0 – 3.0
Dihydrogen Oxide	7732-18-5	45.0 – 55.0

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## Section 4 First Aid Measures

### Emergency First Aid Procedures

**Skin:** Immediately flush with water for 15 minutes. If irritation develops, get medical attention.

**Eyes:** Flush with a gentle but large stream of clean water for 15 minutes, lifting the lower and upper eyelids occasionally. If irritation develops, get medical attention.

**Inhalation:** Move to fresh air and provide oxygen if breathing is difficult. Seek medical attention if irritation persists.

**Ingestion:** Immediately drink 1-2 glasses of water. If irritation develops, get medical attention. Do not administer anything by mouth to an unconscious person.

## Section 5 Firefighting Procedures

**Extinguishing Media:** Use extinguishing media suitable for surrounding fire.

**Flash Point (TCC):** N/A

**Flammable Limits (% volume in air for solvents):** LEL=N/A UEL=N/A

**Special Fire Fighting Procedures:** Firefighters wear NIOSH approved self-contained breathing apparatus. Cool containers exposed to fire with water.

## Section 6 Spill or Leak Procedures

**Steps to Take if Material is Released or Spilled:** No health effects expected from the clean-up of the material if contact can be avoided. Follow the protection information found in Section 8 of this SDS. Absorb spillage in suitable inert material. Sweep or scrape up and containerize. Rinse affected area thoroughly with water.

## Section 7 Handling and Storage

**Normal Handling:** Always use good industrial hygiene practices and safety guidelines.

**Storage:** Store material in its original container. Keep containers tightly closed when not in use.

**Waste Disposal Method:** Material is not considered a RCRA Hazardous Waste. Dispose of material in accordance with federal, state, and local guidelines.

**Special Precautions:** Avoid freezing. Store in a cool, dry place with adequate ventilation.

## Section 8 Protection Information

**Respiratory Protection:** Use NIOSH-approved organic vapor respirator when exposure levels cannot be maintained below limits or the chance of mist inhalation is present.

**Ventilation:** Provide adequate mechanical ventilation to keep exposure levels low.

**Protective Gloves:** Wear impervious chemical gloves.

**Eye Protection:** Wear chemical safety glasses.

**Other Protective Clothing or Equipment:** As needed to prevent repeated/prolonged contact.

**Work/Hygienic Practices:** Use only in adequately-ventilated area unless recommended respiratory protection is used. Wash thoroughly with soap and water after handling and before eating, smoking, or using washroom. If clothes become contaminated, change to clean clothing and wash contaminated clothes before re-use.

## Section 9 Physical Data

**Appearance:** Milky, opaque liquid (Part A); Clear to slightly hazy amber liquid (Part B)

**Odor:** Amine

**Odor Threshold:** No data available

**pH:** 8.5-9.5

**Freezing/Melting Point:** Not determined

**Boiling Point:** >212° F

**Flash Point:** N/A

**Evaporation Rate:** Not determined

**Flammability (solid, gas):** Non-flammable liquid

**Upper/lower Flammability:** Not determined

**Vapor Pressure:** 1.7 hPa (@ 25°C)

**Vapor Density:** 4.0 (air=1)

**Relative Density:** 1.06 g/cc

**Solubility:** Miscible with water

**Partition Coefficient:** Not determined

**Auto-ignition Temperature:** Not determined

**Decomposition temperature:** Not determined

**Viscosity:** Not determined

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## Section 10 Reactivity Data

**Reactivity:** Stable under normal conditions.  
**Conditions to avoid:** Strong oxidizers.  
**Materials to avoid:** Strong oxidizing agents, strong acids, strong alkalis.  
**Hazardous decomposition products:** Produces normal products of combustion  
**Hazardous Polymerization:** Will not occur.

## Section 11 Toxicity Data

**Carcinogen:** No.  
**Routes of Exposure:** Inhalation, ingestion, eyes, and skin.

**Part A (ATE):**  
Oral: 2469 mg/kg  
Inhalation: 283 mg/kg  
Dermal: 2463 mg/kg

**Part B (ATE):**  
Oral: 5681 mg/kg  
Inhalation: 371 mg/kg  
Dermal: 1669 mg/kg

### Health Hazards:

**Acute:** May cause CNS depression. Irritating to respiratory system. May cause slight skin irritation. Inhalation of vapor/mist may irritate nose and throat. Ingestion of large quantities may cause drowsiness, dizziness, confusion, or loss of coordination. Direct eye contact may cause serious irritation.

**Chronic:** Prolonged and repeated exposures can cause serious skin irritation. Contains material that can cause target organ damage to blood and central nervous system. Contains material that may cause birth defects, based on animal data.

**Skin Contact:** Prolonged or repeated contact may cause mild irritation.

**Eye Contact:** Direct contact will cause serious eye irritation.

**Inhalation:** May cause irritation to respiratory system.

**Ingestion:** May cause nausea, abdominal discomfort, target organ damage to CNS and blood.

**Carcinogen:** No known significant effects or critical hazards.

**Aggravation of Pre-existing Conditions:** Persons with pre-existing skin, eye, or lung disorders may be more susceptible to the effects of the substance.

## Section 12 Ecological Data

### Acute

**Part A:**  
No data available

**Part B:**  
No data available

### Chronic

**Part A:**  
No data available

**Part B:**  
No data available

### Persistence and Degradability

#### **Biodegradation**

2-Butoxyethanol	90.4% (28 d) Readily biodegradable
2-Propoxyethanol	No data available
Alkyl Phenol Polyether	No data available
Aliphatic Polyamine	No data available
Phenol, 2,4,6-Tris((dimethylamino)methyl)-	No data available

#### **Bioaccumulation Potential**

2-Butoxyethanol Low potential to bioaccumulate

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2-Propoxyethanol	No data available
Alkyl Phenol Polyether	No data available
Aliphatic Polyamine	No data available
Phenol, 2,4,6-Tris((dimethylamino)methyl)-	No data available

### Mobility in the Soil:

2-Butoxyethanol	Expected to partition to water
2-Propoxyethanol	No data available
Alkyl Phenol Polyether	No data available
Aliphatic Polyamine	No data available
Phenol, 2,4,6-Tris((dimethylamino)methyl)-	No data available

**Other Adverse Effects:** None.

### Section 13 Disposal Information

**Waste Disposal Method:** Material is not considered a RCRA Hazardous Waste. Dispose of material in accordance with all Federal, State, and Local regulations.

### Section 14 Transport Information

**Proper Shipping Name:** Non-Regulated Material

**Hazard Class:** N/A

**UN:** N/A

**Packing Group:** N/A

**Marine Pollutant:** No

### Section 15 Regulatory Information

**SARA 311/312:** Yes-Acute health hazard, Chronic health hazard

#### CHEMICAL INVENTORIES

**SARA 313:** 2-Propoxyethanol (8.7% by weight of Part A); 2-Butoxyethanol (2.95% by weight of Part B)

All ingredients of this product are listed or are exempt from listing on the U. S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

**California Proposition 65 Carcinogens and Reproductive Toxins:** None

**CEPA and Canadian DSL:** 2-Butoxyethanol and 2-Propoxyethanol are listed on the Canadian DSL or otherwise comply with CEPA new substance notification requirements.

### Section 16 Additional Information

**The regulatory information provided is not intended to be comprehensive. Other Federal, State and Local regulations may apply to this material.**

**DISCLAIMER:** Although the information and recommendations set forth herein are presented in good faith and believed to be correct as of the date hereof, manufacturer makes no representations as to the completeness or accuracy thereof.