

## Endurabond<sup>®</sup> B Cement/Tack 500

Version number: GHS 9.0  
Replaces version of: 2024-04-19 (GHS 8)

Revision: 2024-04-19

### SECTION 1: Identification

#### 1.1 Product identifier

Trade name **Endurabond<sup>®</sup> B Cement/Tack 500**  
Alternative number(s) 6126

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses adhesive

#### 1.3 Details of the supplier of the safety data sheet

Blair Rubber Company  
5020 Enterprise Parkway  
Seville Ohio 44273  
United States

Website: BlairRubber.com

#### 1.4 Emergency telephone number

Emergency information service 800-424-9300 (Chemtrec)  
202-483-7616 (International)  
This number is only available during the following  
office hours: Mon-Fri 08:00 AM - 05:00 PM

### SECTION 2: Hazard(s) identification

#### 2.1 Classification of the substance or mixture

For full text of abbreviations: see SECTION 16.

The most important adverse physicochemical, human health and environmental effects

Delayed or immediate effects can be expected after short or long-term exposure. The product is combustible and can be ignited by potential ignition sources.

#### 2.2 Label elements

Labelling acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

- Signal word **DANGER**

- Pictograms

GHS02, GHS07, GHS08



- Hazard statements

H225 Highly flammable liquid and vapor.  
H304 May be fatal if swallowed and enters airways.  
H315 Causes skin irritation.  
H336 May cause drowsiness or dizziness.  
H351 Suspected of causing cancer.  
H361d Suspected of damaging the unborn child.  
H373 May cause damage to organs through prolonged or repeated exposure.

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### - Precautionary statements

|                |   |
|----------------|---|
| P201           | Obtain special instructions before use.   |
| P210           | Keep away from heat/sparks/open flames/hot surfaces. No smoking.                                    |
| P240           | Ground/bond container and receiving equipment.  |
| P241           | Use explosion-proof electrical/ventilating/lighting equipment.                                      |
| P242           | Use only non-sparking tools.  |
| P243           | Take precautionary measures against static discharge.   |
| P260           | Do not breathe dust/fume/gas/mist/vapors/spray.   |
| P271           | Use only outdoors or in a well-ventilated area.   |
| P280           | Wear protective gloves/eye protection/face protection.  |
| P301+P310      | If swallowed: Immediately call a poison center/doctor.  |
| P302+P352      | If on skin: Wash with plenty of water.  |
| P303+P361+P353 | If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. |
| P304+P340      | If inhaled: Remove person to fresh air and keep comfortable for breathing.                          |
| P312           | Call a poison center/doctor if you feel unwell.   |
| P321           | Specific treatment (see on this label).   |
| P331           | Do NOT induce vomiting.   |
| P362           | Take off contaminated clothing and wash before reuse.   |
| P370+P378      | In case of fire: Use sand, carbon dioxide or powder extinguisher to extinguish.                     |
| 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 industrial combustion plant.                                       |

- Hazardous ingredients for labelling Toluene

### 2.3 Other hazards

Hazards not otherwise classified

May be harmful if inhaled (GHS category 5: acutely toxic - inhalation).

Toxic to aquatic life with long lasting effects (GHS category 2: aquatic toxicity - acute and/or chronic).

Results of PBT and vPvB assessment

Does not contain a PBT-/vPvB-substance at a concentration of  $\geq 0.1\%$ .

Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) in a concentration of  $\geq 0.1\%$ .

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not relevant (mixture)

### 3.2 Mixtures

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### Description of the mixture

| Hazardous ingredients acc. to GHS         |                                  |               |  |
|---|----------------------------------|---------------|--|
| Ingredient                                | CAS No                           | Concentration | Hazard   |
| Toluene                                   |                                  | 50 - < 75     | Skin Irrit. 2 / H315<br>Repr. 2 / H361d<br>STOT SE 3 / H336<br>STOT RE 2 / H373<br>Asp. Tox. 1 / H304<br>Flam. Liq. 2 / H225 |
| Carbon Black                              | CAS No<br>1333-86-4              | 1 - < 5       | cD / OSHA003   |
| Polybutene (Isobutylene/butene copolymer) | CAS No<br>9003-29-6<br>9044-17-1 | 1 - < 5       | Flam. Liq. 4 / H227  |

### Remarks

Mixture, unreacted rubber compound. All components are encapsulated in polymer. Exact concentration of composition has been withheld as a trade secret.

## SECTION 4: First-aid measures

### 4.1 Description of first-aid measures

#### General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

#### Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. In case of respiratory tract irritation, consult a physician. Provide fresh air.

#### Following skin contact

Wash with plenty of soap and water.

#### Following eye contact

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

#### Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

### 4.2 Most important symptoms and effects, both acute and delayed

Narcotic effects.

### 4.3 Indication of any immediate medical attention and special treatment needed

none

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### SECTION 5: Fire-fighting measures

#### 5.1 Extinguishing media

Suitable extinguishing media

Water spray, BC-powder, Carbon dioxide (CO<sub>2</sub>)

Unsuitable extinguishing media

Water jet

#### 5.2 Special hazards arising from the substance or mixture

In case of insufficient ventilation and/or in use, may form flammable/explosive vapor-air mixture. Solvent vapors are heavier than air and may spread along floors. Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures.

Hazardous combustion products

Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>)

#### 5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Coordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Remove persons to safety.

For emergency responders

Wear breathing apparatus if exposed to vapors/dust/aerosols/gases.

#### 6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it. If substance has entered a water course or sewer, inform the responsible authority.

#### 6.3 Methods and material for containment and cleaning up

Advice on how to contain a spill

Covering of drains

Advice on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: sawdust, kieselgur (diatomite), sand, universal binder

Appropriate containment techniques

Use of adsorbent materials.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

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### 6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Recommendations

- Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Avoidance of ignition sources. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Use only in well-ventilated areas. Due to danger of explosion, prevent leakage of vapours into cellars, flues and ditches. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools.

- Specific notes/details

Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures. Vapors are heavier than air, spread along floors and form explosive mixtures with air. Vapors may form explosive mixtures with air.

Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

### 7.2 Conditions for safe storage, including any incompatibilities

- Ventilation requirements

Use local and general ventilation. Ground/bond container and receiving equipment.

### 7.3 Specific end use(s)

See section 16 for a general overview.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

Occupational exposure limit values (Workplace Exposure Limits)

### 8.2 Exposure controls

Appropriate engineering controls

General ventilation.

Individual protection measures (personal protective equipment)

Eye/face protection

Wear eye/face protection.

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### Skin protection

#### - Hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

#### - Other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

### Respiratory protection

In case of inadequate ventilation wear respiratory protection.

### Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

|                |                       |
|----------------|-----------------------|
| Physical state | liquid                |
| Color          | black                 |
| Particle       | not relevant (liquid) |
| Odor           | characteristic        |

#### Other safety parameters

|   |                       |
|---|-----------------------|
| pH (value)                              | not determined        |
| Melting point/freezing point            | not determined        |
| Initial boiling point and boiling range | 110.6 °C at 1,013 hPa |
| Flash point                             | 4.4 °C at 1,013 hPa   |
| Evaporation rate                        | not determined        |
| Flammability (solid, gas)               | not relevant, (fluid) |

#### Explosive limits

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|                               |   |
|-------------------------------|---|
| - Lower explosion limit (LEL) | 1.1 vol%                                      |
| - Upper explosion limit (UEL) | 7.1 vol%                                      |
| Vapor pressure                | 0.11 bar at 37.8 °C                           |
| Density                       | not determined                                |
| Vapor density                 | this information is not available             |
| Relative density              | information on this property is not available |
| Solubility(ies)               | not determined                                |

Partition coefficient

|                             |  |
|-----------------------------|--|
| - n-octanol/water (log KOW) | this information is not available                      |
| Auto-ignition temperature   | 215 °C (auto-ignition temperature (liquids and gases)) |
| Viscosity                   | not determined   |
| Explosive properties        | none   |
| Oxidizing properties        | none   |

### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials". The mixture contains reactive substance(s). Risk of ignition.

If heated:

Risk of ignition

#### 10.2 Chemical stability

See below "Conditions to avoid".

#### 10.3 Possibility of hazardous reactions

No known hazardous reactions.

#### 10.4 Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Hints to prevent fire or explosion

Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

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### 10.5 Incompatible materials

Oxidizers

### 10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Test data are not available for the complete mixture.

#### Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

#### Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

#### Acute toxicity

Shall not be classified as acutely toxic.

GHS of the United Nations, annex 4: May be harmful if inhaled.

#### Skin corrosion/irritation

Causes skin irritation.

#### Serious eye damage/eye irritation

Shall not be classified as seriously damaging to the eye or eye irritant.

#### Respiratory or skin sensitization

Shall not be classified as a respiratory or skin sensitizer.

#### Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

#### Carcinogenicity

Suspected of causing cancer.

#### Reproductive toxicity

Suspected of damaging the unborn child.

#### Specific target organ toxicity - single exposure

May cause drowsiness or dizziness.

#### Specific target organ toxicity - repeated exposure

May cause damage to organs through prolonged or repeated exposure.

#### Aspiration hazard

May be fatal if swallowed and enters airways.



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### SECTION 12: Ecological information

#### 12.1 Toxicity

Toxic to aquatic life with long lasting effects.

#### 12.2 Persistence and degradability

Data are not available.

#### 12.3 Bioaccumulative potential

Data are not available.

#### 12.4 Mobility in soil

Data are not available.

#### 12.5 Results of PBT and vPvB assessment

According to the results of its assessment, this substance is not a PBT or a vPvB. Does not contain a PBT-/vPvB-substance at a concentration of  $\geq 0.1\%$ .

#### 12.6 Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) in a concentration of  $\geq 0.1\%$ .

#### 12.7 Other adverse effects

Data are not available.

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

Waste treatment-relevant information

Solvent reclamation/regeneration.

Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

Waste treatment of containers/packages

Only packagings which are approved (e.g. acc. to DOT) may be used. Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

#### Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

### SECTION 14: Transport information

#### 14.1 UN number

|           |         |
|-----------|---------|
| DOT       | UN 1133 |
| IMDG-Code | UN 1133 |
| ICAO-TI   | UN 1133 |

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**14.2 UN proper shipping name**

|           |           |
|-----------|-----------|
| DOT       | Adhesives |
| IMDG-Code | ADHESIVES |
| ICAO-TI   | Adhesives |

**14.3 Transport hazard class(es)**

|           |   |
|-----------|---|
| DOT       | 3 |
| IMDG-Code | 3 |
| ICAO-TI   | 3 |

**14.4 Packing group**

|           |    |
|-----------|----|
| DOT       | II |
| IMDG-Code | II |
| ICAO-TI   | II |

**14.5 Environmental hazards**

non-environmentally hazardous acc. to the dangerous goods regulations

**14.6 Special precautions for user**

There is no additional information.

**14.7 Transport in bulk according to IMO instruments**

The cargo is not intended to be carried in bulk.

**Information for each of the UN Model Regulations**

**Transport of dangerous goods by road or rail (49 CFR US DOT) - Additional information**

|  |   |
|--|---|
| Particulars in the shipper's declaration | UN1133, Adhesives, 3, II                    |
| Reportable quantity (RQ)                 | 1,353 lbs (614.4 kg) (Toluene) (Resorcinol) |
| Danger label(s)                          | 3   |



|                         |                             |
|-------------------------|-----------------------------|
| Special provisions (SP) | 149, B52, IB2, T4, TP1, TP8 |
| ERG No                  | 128                         |

**International Maritime Dangerous Goods Code (IMDG) - Additional information**

|                  |   |
|------------------|---|
| Marine pollutant | - |
| Danger label(s)  | 3 |



|                         |   |
|-------------------------|---|
| Special provisions (SP) | - |
|-------------------------|---|

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|                          |          |
|--------------------------|----------|
| Excepted quantities (EQ) | E2       |
| Limited quantities (LQ)  | 5 L      |
| EmS                      | F-E, S-D |
| Stowage category         | B        |

**International Civil Aviation Organization (ICAO-IATA/DGR) - Additional information**

Danger label(s) 3



|                          |     |
|--------------------------|-----|
| Special provisions (SP)  | A3  |
| Excepted quantities (EQ) | E2  |
| Limited quantities (LQ)  | 1 L |

**SECTION 15: Regulatory information**

**15.1 Safety, health and environmental regulations specific for the product in question**

**National regulations (United States)**

**Toxic Substance Control Act (TSCA)** not all ingredients are listed (ACTIVE)

**Superfund Amendment and Reauthorization Act (SARA TITLE III )**

- The List of Extremely Hazardous Substances and Their Threshold Planning Quantities (EPCRA Section 302, 304)

none of the ingredients are listed

**Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)**

- List of Hazardous Substances and Reportable Quantities (CERCLA section 102a) (40 CFR 302.4)

|         |          |  |                  |            |
|---------|----------|--|------------------|------------|
|         |          |  |                  |            |
| Toluene | 108-88-3 |  | 1<br>2<br>3<br>4 | 1000 (454) |

**Legend**

- 1 "1" indicates that the statutory source is section 311(b)(2) of the Clean Water Act
- 2 "2" indicates that the source is section 307(a) of the Clean Water Act
- 3 "3" indicates that the source is section 112 of the Clean Air Act
- 4 "4" indicates that the source is section 3001 of the Resource Conservation and Recovery Act (RCRA)

**Clean Air Act**

none of the ingredients are listed

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### Right to Know Hazardous Substance List

- Hazardous Substance List (NJ-RTK)

|              |           |  |          |
|--------------|-----------|--|----------|
|              |           |  |          |
| Toluene      | 108-88-3  |  | TE<br>F3 |
| Carbon Black | 1333-86-4 |  | CA       |

#### Legend

CA Carcinogenic  
F3 Flammable - Third Degree  
TE Teratogenic

### Industry or sector specific available guidance(s)

#### NPCA-HMIS<sup>®</sup> III

Hazardous Materials Identification System. American Coatings Association.

#### NFPA<sup>®</sup> 704

National Fire Protection Association: Standard System for the Identification of the Hazards of Materials for Emergency Response (United States).

### 15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

## SECTION 16: Other information, including date of preparation or last revision

### Key literature references and sources for data

OSHA Hazard Communication Standard (HCS), 29 CFR 1910.1200.

Transport of dangerous goods by road or rail (49 CFR US DOT). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

### Classification procedure

Physical and chemical properties: The classification is based on tested mixture.

Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

### Disclaimer

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environment requirements only. It should not therefore be construed as guaranteeing any specific property of the product. While we have taken reasonable effort to ensure the information is correct, we give no warranty, expressed or implied, regarding its correctness. Since conditions or methods of handling and using this product are beyond our control, we do not assume responsibility and expressly disclaim liability for damages resulting from or connected with the handling, storage, use or disposal of the product.