



Material Safety Data sheet

EagleBond AB500 Concrete Anchor Epoxy

SECTION 1: Identifying the Material or Mixture

1.1 Product identifier

Product Name: AB500 Concrete Anchor Epoxy
Product Item Code: #329

1.2 Appropriate Applications of the Material or Mixture and Recommended Restrictions

Appropriate and recognized applications : Composite Mortar
Prescribed limitations : No abnormalities during regular processing. Please refer to the technical data sheet for guidance

SECTION 2: Identification of Potential Dangers

2.1 Classification based on Regulation (EC) No. 1272/2008

- H315: Induces skin irritation.
- H317: Has the potential to trigger an allergic skin response.
- H318: Results in significant eye damage.
- H411: Harmful to aquatic life with enduring consequences.

2.2 Hazard pictograms



GHS05



GHS07



GHS09

Signal word

Danger

Hazardous ingredients

Reaction product of bisphenol F-epichlorohydrin resins with an average molecular weight of 700 or less
Reaction product of bisphenol-A-epichlorohydrin; epoxy resin with a number average molecular weight of 700 or less
[3-(2,3-Epoxypropoxy)propyl]trimethoxysilane

Other hazards

- Health Hazard
- Hazard precautions
- Danger Indication

No information available.



SECTION 3: Safe Storage and Handling

Guidance for Fire and Explosion Protection

No specific actions are required.

Standard procedures

The spilled material could create a risk of slipping

Measures to protect the environment

- Do not allow the substance to enter sewers or public waters.
- In case of a spill into sewers or public waters, notify the appropriate authorities.
- Avoid releasing the substance into the environment.
- Disposal of fully or partially emptied cartridges should follow official regulations for special waste disposal.
- After curing, the product can be disposed of as part of household waste

Storage conditions

Store the product in a well-ventilated area, away from direct sunlight.

Safety measures for proper handling

- Utilize personal protective gear
- Prevent skin and eye exposure
- Prior to consuming, drinking, or smoking, and before leaving the workplace, wash your hands and any other exposed areas with mild soap and water.
- Refrain from contact while pregnant or nursing.
- Dispose of this substance and its container in accordance with local regulations.
- Recover the product through mechanical means.
- On land, use a broom or shovel to collect the substance into appropriate containers.
- Keep it separate from other materials.

Cleanup procedures

To contain the substance

Spill cleanup

SECTION 4: First Aid Measures

4.1 First Aid Measures Description

General recommendations

- Remove contaminated clothing immediately.
- Seek immediate medical advice in case of an accident or if feeling unwell (if available, provide the medical professional with the directions for use or safety data sheet).
- Use appropriate personal protective equipment

First-aid steps in the event of ingestion

In case of accidental ingestion:

- Rinse the mouth with a generous amount of water (only if the person is conscious).
- Seek immediate medical attention.
- Allow the person to drink water in small sips (to dilute the substance).
- Do NOT induce vomiting.



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| First-aid measures after Eye contact | <ul style="list-style-type: none"> • If wearing contact lenses, remove them. • If the product comes into contact with the eyes, promptly rinse with a generous amount of running water for 10 to 15 minutes while keeping the eyelids open. Seek advice from an eye specialist. |
| First-aid measures after skin contact | <ul style="list-style-type: none"> • If the product contacts the skin, immediately wash the affected area with an ample amount of water and soap. • Do NOT utilize solvents or thinners. |
| First-aid measures after inhalation | <ul style="list-style-type: none"> • Ensure proper ventilation to provide fresh air. • If there is irritation of the respiratory tract, seek advice from a medical professional. |

4.2 Main Symptoms and Effects, Acute and Delayed

No information available for Symptoms.

4.3 Immediate Medical Attention and Special Treatment Requirements

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| Urgent medical treatment | If the person is unconscious, put them in the recovery position and promptly seek medical guidance. |
| Medical treatment | Provide symptomatic treatment. |

SECTION 5: Fire Fighting Measures

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| Fire response guidelines | Utilize water spray or fog to cool exposed containers
Exercise caution when dealing with a chemical fire
Prevent firefighting water from entering the environment |
| Safety measures during firefighting | Water spray. Carbon dioxide. Dry powder. Foam. Sand.
Use self-contained breathing apparatus.
Do not approach the fire without suitable protective gear, including respiratory protection. |
| Hazards in case of fire | Heating or fire can release toxic gas. |

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

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| Personal precautions | The spilled material could create a slip hazard. |
| Emergency procedures | <ul style="list-style-type: none"> • Evacuate unnecessary personnel. • Use personal protective equipment as required. • Equip cleanup crew with proper protection. • Ventilate area. |



6.2 Environmental precautions

To prevent environmental contamination, ensure the material doesn't enter sewers or public waters. If such an incident occurs, promptly inform the relevant authorities. Avoid releasing the substance into the environment. For cartridges that are full or partially emptied, follow proper disposal procedures in compliance with official regulations. Once cured, the product can be safely disposed of with regular household waste.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up

- Dispose of this material and its container in accordance with local regulations and in a safe manner. Employ mechanical methods to recover the product. On land, carefully sweep or shovel it into appropriate containers. Store the material separately from other substances.

SECTION 7: Handling and storage

Precautions for safe handling

Utilize personal protective equipment. Prevent skin and eye contact. Prior to eating, drinking, smoking, or leaving the work area, wash your hands and any exposed areas with mild soap and water.

Hygiene measures

Refrain from eating, drinking, or smoking while using this product. After handling the product, it is essential to wash your hands. Do not take contaminated work clothing outside of the workplace, and ensure that contaminated clothing is laundered before reuse.

Advice on protection against fire and explosion

No special measures are necessary

Storage space and container requirements

Keep/Store only in original container.
Keep container tightly closed and dry.
Store in accordance with local regulations.

Recommended storage temperature

+5 - 25 °C

SECTION 8: Exposure controls/personal protection

8.1 Control Parameters

This product has a thick consistency. Exposure limit values for respirable dusts do not apply to this product.

8.2 Exposure Controls

Appropriate engineering controls

Ensure good ventilation of the work station.

Environmental exposure controls

Avoid release to the environment.

Consumer exposure controls

Avoid contact during pregnancy/while nursing.

Other information

Do not eat, drink or smoke during use.

Hand protection

Use protective gloves



Be aware that contact with mixtures of substances or different substances can shorten the effective duration of hand protection.

SECTION 9: Information on basic physical and chemical properties

Form	Solid
Appearance	Paste
Colour	White and Grey.
Odour	characteristic
Odour threshold	No data available
pH	6.0
Auto Inflammability	not auto-flammable
Viscosity of Mixture	18-22Pa•S
Density after curing	1.5±0.1g/cm ³
Explosive properties	not explosive
Oxidising properties	No
Melting point	No data available
Freezing point	No data available
Boiling point	No data available
Flash point	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Flammability (solid, gas)	No data available
Vapour pressure	No data available
Relative vapour density at 20 °C	No data available
Relative density	No data available
Density	1.6 g/cm ³
Solubility	No data available
Log Pow	No data available
Viscosity, kinematic	No data available
Viscosity, dynamic	No data available
Solubility	No data available
Water solubility [g/l]	No data available
Solubility [g/l]	No data available



SECTION 10: Stability and reactivity

10.1 Reactivity

There are no harmful reactions when the substance is handled and stored as instructed. Proper storage and usage do not lead to decomposition.

10.2 Chemical stability

Stable when applying the recommended regulations for storage and handling.

10.3 Possibility of hazardous reactions

The mixture is chemically stable under recommended conditions of storage, use and temperature.

10.4 Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5 Incompatible materials

Strong acids. Strong bases.

10.6 Hazardous decomposition products




Under normal conditions of storage and use, hazardous decomposition products should not be produced. Thermal decomposition generates fume. Carbon monoxide. Carbon dioxide.

SECTION 11: Transport information

11.1 AB500 Part A

	Land transport ADR/RID	Marine transport IMDG	Air transport ICAO/IATA
UN-No	1759	1759	1759
Description	solid, corrosive, n.o.s..	solid, corrosive, n.o.s..	solid, corrosive, n.o.s..
Environmental Hazard	Dangerous for the environment : yes Marine pollutant : yes	Dangerous for the environment : yes	Dangerous for the environment : yes
Labels			
Package Group	III	III	III
	Classification code (ADR) = C10 Special provisions (ADR) = 274 Limited quantities (ADR) = 5kg Packing instructions (ADR) = P002, IBC08, LP02, R001 Mixed packing provisions (ADR) = MP10 Transport category (ADR) = 3	Transport by sea Special provisions (IMDG) = 223, 274 Packing instructions (IMDG) = P002, LP02 EmS-No. (Fire) = F-A EmS-No. (Spillage) = S-B Stowage category (IMDG) = A	PCA packing instructions (IATA) = 860 PCA max net quantity (IATA) = 25kg CAO packing instructions (IATA) = 864 Special provisions (IATA) = A3, A803


11.2 AB500 Part B

	Land transport ADR/RID	Marine transport IMDG	Air transport ICAO/IATA
UN-No	3259	3259	1759
Description	Amines,solid, corrosive,n.o.s..	Amines,solid, corrosive,n.o.s..	Amines,solid, corrosive,n.o.s..
Environmental Hazard	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No
Labels			
Package Group	II	II	II
	Classification code (ADR) = C8 Special provisions (ADR) = 274 Limited quantities (ADR) = 1kg Packing instructions (ADR) = P002, IBC08, Mixed packing provisions (ADR) = MP10 Transport category (ADR) = 2	Special provisions (IMDG) = 274 Limited quantities (IMDG) = 1 kg Packing instructions (IMDG) = P002 EmS-No. (Fire) = F-A EmS-No. (Spillage) = S-B Stowage category (IMDG) = A Stowage and segregation (IMDG) = Separated from acids. MFAG-No = 154	PCA packing instructions (IATA) = 859 PCA max net quantity (IATA) = 15kg CAO packing instructions (IATA) = 863 Special provisions (IATA) = A3

SECTION 12: Other information

H-statements: H302: Harmful if swallowed. H312: Harmful in contact with skin. H314: Causes severe skin burns and eye damage. H315: Causes skin irritation. H317: May cause an allergic skin reaction. H318: Causes serious eye damage. H319: Causes serious eye irritation. H332: Harmful if inhaled. H335: May cause respiratory irritation. H411: Toxic to aquatic life with long lasting effects. H412: Harmful to aquatic life with long lasting effects. H413: May cause long lasting harmful effects to aquatic life	Restriction of occupation. Do not use for private purposes (household). Reserved for industrial and professional use.
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This information is based on our current knowledge and experience. The Safety Data Sheet provides details about the product with respect to safety requirements. It is important to note that this information does not imply any warranty regarding the properties, characteristics, or qualities of the product.