



SAFETY DATA SHEET SB 495 - Black

According to Appendix D, OSHA Hazard Communication Standard 29 CFR §1910.1200

1. Identification

Product identifier

Product name SB 495 - Black

Recommended use of the chemical and restrictions on use

Uses advised against No specific uses advised against are identified.

Recommended Use Adhesive Sealant Coating

Details of the supplier of the safety data sheet

Manufacturer Seal Bond
14851 Michael Ln.
Spring Lake, MI 49456
(616) 850-0507

Emergency telephone number

Emergency telephone Chemtrec (800) 424-9300 or (703) 527-3887 in the U.S.A.

2. Hazard(s) identification

Classification of the substance or mixture

Physical hazards Not Classified

Health hazards Eye Dam. 1 - H318 Skin Sens. 1 - H317 Repr. 1B - H360

Disclaimer

ATTENTION! Some of the additives disclosed in Section 3 such as Carbon Black and or Titanium Dioxide are regulated by California Proposition 65 as carcinogens when they are in the form of "airborne, unbound particles of respirable size." Since the disclosed materials are bound in the polymer matrix, they will not be available as an airborne hazard (dust, mist, or spray) under normal conditions of use. Therefore, this product does not present a respiration hazard as outlined by the Prop 65 regulations.

Label elements

Pictogram



Signal word

Danger

Hazard statements

H318 Causes serious eye damage.
H317 May cause an allergic skin reaction.
H360 May damage fertility or the unborn child.

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|---------------------------------|---|
| Precautionary statements | <p>P201 Obtain special instructions before use.</p> <p>P202 Do not handle until all safety precautions have been read and understood.</p> <p>P261 Avoid breathing vapor/ spray.</p> <p>P272 Contaminated work clothing must not be allowed out of the workplace.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P302+P352 If on skin: Wash with plenty of water.</p> <p>P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P308+P313 If exposed or concerned: Get medical advice/ attention.</p> <p>P310 Immediately call a poison center/ doctor.</p> <p>P321 Specific treatment (see medical advice on this label).</p> <p>P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p> <p>P405 Store locked up.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p> |
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Contains Proprietary Dehydration Agent, Proprietary Adhesion Promoter, Proprietary Catalyst

Other hazards

This product does not contain any substances classified as PBT or vPvB.

3. Composition/information on ingredients

Mixtures

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|---|---------------|
| Proprietary Polymer CAS number: Proprietary | 10-30% |
| Limestone CAS number: 1317-65-3 | 10-30% |
| Proprietary Dehydration Agent CAS number: Proprietary | 1-5% |
| Proprietary Adhesion Promoter CAS number: Proprietary | 1-5% |
| Proprietary Catalyst CAS number: 77-58-7 | <1% |
| Carbon Black CAS number: 1333-86-4 | <1% |

Composition comments Exact concentrations and chemical identities of ingredients not listed above are either classified as non-hazardous or are withheld as a trade secret as covered by OSHA's Hazard Communication Standard, 29 CFR 1910.1200(i).

4. First-aid measures

Description of first aid measures

General information Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel.

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| Inhalation | Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Loosen tight clothing such as collar, tie or belt. Get medical attention if symptoms are severe or persist. |
| Ingestion | Rinse mouth thoroughly with water. Get medical advice/attention if you feel unwell. Do not induce vomiting unless under the direction of medical personnel. |
| Skin Contact | It is important to remove the substance from the skin immediately. In the event of any sensitization symptoms developing, ensure further exposure is avoided. Remove contamination with soap and water or recognized skin cleansing agent. Get medical attention if symptoms are severe or persist after washing. |
| Eye contact | Rinse immediately with plenty of water. Do not rub eye. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention. |
| Protection of first aiders | First aid personnel should wear appropriate protective equipment during any rescue. |

Most important symptoms and effects, both acute and delayed

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| General information | The severity of the symptoms described will vary dependent on the concentration and the length of exposure. |
| Inhalation | No specific symptoms known. |
| Ingestion | May cause sensitization or allergic reactions in sensitive individuals. |
| Skin contact | May cause skin sensitization or allergic reactions in sensitive individuals. |
| Eye contact | Causes serious eye damage. Symptoms following overexposure may include the following: Pain. Profuse watering of the eyes. Redness. |

Indication of immediate medical attention and special treatment needed

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| Notes for the doctor | Treat symptomatically. May cause sensitization or allergic reactions in sensitive individuals. |
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5. Fire-fighting measures

Extinguishing media

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| Suitable extinguishing media | The product is not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire. |
| Unsuitable extinguishing media | Do not use water jet as an extinguisher, as this will spread the fire. |

Special hazards arising from the substance or mixture

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| Specific hazards | Containers can burst violently or explode when heated, due to excessive pressure build-up. |
| Hazardous combustion products | Thermal decomposition or combustion products may include the following substances: Harmful gases or vapors. |

Advice for firefighters

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| Protective actions during firefighting | Avoid breathing fire gases or vapors. Evacuate area. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. If a leak or spill has not ignited, use water spray to disperse vapors and protect men stopping the leak. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities. |
| Special protective equipment for firefighters | Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Standard Firefighter's clothing including helmets, protective boots and gloves will provide a basic level of protection for chemical incidents. |

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6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet. No action shall be taken without appropriate training or involving any personal risk. Do not touch or walk into spilled material. Avoid contact with skin and eyes.

Environmental precautions

Environmental precautions Avoid discharge into drains or watercourses or onto the ground.

Methods and material for containment and cleaning up

Methods for cleaning up Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Small Spillages: Collect spillage. Large Spillages: Absorb spillage with non-combustible, absorbent material. The contaminated absorbent may pose the same hazard as the spilled material. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. For waste disposal, see Section 13.

Reference to other sections For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

7. Handling and storage

Precautions for safe handling

Usage precautions Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Handle all packages and containers carefully to minimize spills. Keep container tightly sealed when not in use. Avoid the formation of mists. Do not handle until all safety precautions have been read and understood. Do not handle broken packages without protective equipment. Do not reuse empty containers.

Advice on general occupational hygiene Wash promptly if skin becomes contaminated. Take off contaminated clothing and wash before reuse. Wash contaminated clothing before reuse.

Conditions for safe storage, including any incompatibilities

Storage precautions Store away from incompatible materials (see Section 10). Keep only in the original container. Keep container tightly closed, in a cool, well ventilated place. Keep containers upright. Protect containers from damage.

Storage class Chemical storage.

Specific end uses(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.

8. Exposure controls/Personal protection

Control parameters

Occupational exposure limits

Proprietary Polymer

Long-term exposure limit (8-hour TWA): ACGIH 50 ppm

Long-term exposure limit (8-hour TWA): OSHA 500 ppm 1800 mg/m³

Limestone

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Long-term exposure limit (8-hour TWA): OSHA 5 mg/m³ respirable fraction

Long-term exposure limit (8-hour TWA): OSHA 5 mg/m³ respirable fraction

Long-term exposure limit (8-hour TWA): OSHA 5 mg/m³ respirable fraction

Long-term exposure limit (8-hour TWA): OSHA 15 mg/m³ total dust

Long-term exposure limit (8-hour TWA): OSHA 15 mg/m³ total dust

Long-term exposure limit (8-hour TWA): OSHA 15 mg/m³ total dust

Carbon Black

Long-term exposure limit (8-hour TWA): ACGIH 3 mg/m³ inhalable fraction

Long-term exposure limit (8-hour TWA): ACGIH 3 mg/m³ inhalable fraction

A3, A3

Long-term exposure limit (8-hour TWA): OSHA 3.5 mg/m³

Long-term exposure limit (8-hour TWA): OSHA 3.5 mg/m³

ACGIH = American Conference of Governmental Industrial Hygienists.

OSHA = Occupational Safety and Health Administration.

A3 = Confirmed Animal Carcinogen with Unknown Relevance to Humans.

Proprietary Polymer

Immediate danger to life and health 1100 ppm

Carbon Black (CAS: 1333-86-4)

Immediate danger to life and health 1750 mg/m³ 1750 mg/m³

Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection

Wear tight-fitting, chemical splash goggles or face shield. If inhalation hazards exist, a full-face respirator may be required instead.

Hand protection

It is recommended that chemical-resistant, impervious gloves are worn. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with OSHA 1910.138 and be demonstrated to be impervious to the chemical and resist degradation. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended.

Other skin and body protection

May cause skin sensitization or allergic reactions in sensitive individuals. Wear appropriate clothing to prevent repeated or prolonged skin contact.

Hygiene measures

Wash after use and before eating, smoking and using the toilet. Do not eat, drink or smoke when using this product.

Respiratory protection

Ensure all respiratory protective equipment is suitable for its intended use and is NIOSH approved. Check that the respirator fits tightly and the filter is changed regularly. Gas and combination filter cartridges should comply with OSHA 1910.134. Full face mask respirators with replaceable filter cartridges should comply with OSHA 1910.134. Half mask and quarter mask respirators with replaceable filter cartridges should comply with OSHA 1910.134.

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Environmental exposure controls Keep container tightly sealed when not in use. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

9. Physical and chemical properties

Information on basic physical and chemical properties

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| Appearance | Paste. |
| Odor | Characteristic. |
| Odor threshold | Not applicable. |
| pH | Not applicable. |
| Melting point | Not applicable. |
| Initial boiling point and range | Not applicable. |
| Flash point | Not applicable. |
| Evaporation rate | Not applicable. |
| Evaporation factor | Not applicable. |
| Flammability (solid, gas) | Not applicable. |
| Upper/lower flammability or explosive limits | Not applicable. |
| Other flammability | Not applicable. |
| Vapor pressure | Not applicable. |
| Vapor density | (Air=1) >1 |
| Relative density | Not applicable. |
| Bulk density | Not applicable. |
| Solubility(ies) | Not applicable. |
| Partition coefficient | Not applicable. |
| Auto-ignition temperature | Not applicable. |
| Decomposition Temperature | Not applicable. |
| Viscosity | Contact the manufacturer |
| VOC's | |
| Solids | |

10. Stability and reactivity

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| Reactivity | See the other subsections of this section for further details. |
| Stability | Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions. |
| Possibility of hazardous reactions | No potentially hazardous reactions known. |

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| Conditions to avoid | There are no known conditions that are likely to result in a hazardous situation. |
| Materials to avoid | No specific material or group of materials is likely to react with the product to produce a hazardous situation. |
| Hazardous decomposition products | Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapors. |

11. Toxicological information

Information on toxicological effects

Acute toxicity - oral

Notes (oral LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity - dermal

Notes (dermal LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) Based on available data the classification criteria are not met.

ATE inhalation (vapours mg/l) 607.73

Skin corrosion/irritation

Animal data Based on available data the classification criteria are not met.

Serious eye damage/irritation

Serious eye damage/irritation Eye Dam. 1 - H318 Causes serious eye damage.

Respiratory sensitization

Respiratory sensitization Based on available data the classification criteria are not met.

Skin sensitization

Skin sensitization May cause skin sensitization or allergic reactions in sensitive individuals.

Germ cell mutagenicity

Genotoxicity - in vitro Based on available data the classification criteria are not met.

Carcinogenicity

Carcinogenicity Based on available data the classification criteria are not met.

IARC carcinogenicity

Contains a substance which may be potentially carcinogenic. IARC Group 2B Possibly carcinogenic to humans.

Reproductive toxicity

Reproductive toxicity - fertility May damage fertility.

Reproductive toxicity - development May damage the unborn child.

Specific target organ toxicity - single exposure

STOT - single exposure Not classified as a specific target organ toxicant after a single exposure.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Not classified as a specific target organ toxicant after repeated exposure.

Aspiration hazard

Aspiration hazard Based on available data the classification criteria are not met.

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| General information | The severity of the symptoms described will vary dependent on the concentration and the length of exposure. |
| Inhalation | No specific symptoms known. |
| Ingestion | May cause sensitization or allergic reactions in sensitive individuals. |
| Skin Contact | May cause skin sensitization or allergic reactions in sensitive individuals. |
| Eye contact | Causes serious eye damage. Symptoms following overexposure may include the following: Pain. Profuse watering of the eyes. Redness. |
| Route of exposure | Ingestion Inhalation Skin and/or eye contact |
| Target Organs | No specific target organs known. |
| Medical considerations | Skin disorders and allergies. |

12. Ecological information

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|---|---|
| Ecotoxicity | Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment. |
| Toxicity | Based on available data the classification criteria are not met. |
| <u>Persistence and degradability</u> | |
| Persistence and degradability | The degradability of the product is not known. |
| <u>Bioaccumulative potential</u> | |
| Bio-Accumulative Potential | No data available on bioaccumulation. |
| Partition coefficient | Not applicable. |
| <u>Mobility in soil</u> | |
| Mobility | No data available. |
| <u>Other adverse effects</u> | |
| Other adverse effects | None known. |

13. Disposal considerations

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| <u>Waste treatment methods</u> | |
| General information | The generation of waste should be minimized or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product residues and hence be potentially hazardous. |
| Disposal methods | Do not empty into drains. Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labeled with their contents. Incineration or landfill should only be considered when recycling is not feasible. |

14. Transport information

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| General | Not regulated. |
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15. Regulatory information

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US Federal Regulations

SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities

None of the ingredients are listed or exempt.

CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)

None of the ingredients are listed or exempt.

SARA Extremely Hazardous Substances EPCRA Reportable Quantities

None of the ingredients are listed or exempt.

SARA 313 Emission Reporting

None of the ingredients are listed or exempt.

CAA Accidental Release Prevention

None of the ingredients are listed or exempt.

FDA - Essential Chemical

None of the ingredients are listed or exempt.

FDA - Precursor Chemical

None of the ingredients are listed or exempt.

SARA (311/312) Hazard Categories

None of the ingredients are listed or exempt.

OSHA Highly Hazardous Chemicals

None of the ingredients are listed or exempt.

US State Regulations

Massachusetts "Right To Know" List

The following ingredients are listed or exempt:

Rhode Island "Right To Know" List

The following ingredients are listed or exempt:

Minnesota "Right To Know" List

The following ingredients are listed or exempt:

New Jersey "Right To Know" List

The following ingredients are listed or exempt:

Pennsylvania "Right To Know" List

The following ingredients are listed or exempt:

16. Other information

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|--|---|
| Classification abbreviations and acronyms | Eye Dam. = Serious eye damage Skin Sens. = Skin sensitisation |
| Training advice | Only trained personnel should use this material. |
| Revision comments | Revised due to new SDS software implementation |
| Issued by | Seal Bond 14851 Michael Ln. Spring Lake, MI 49456 (616) 850-0507 |

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|----------------------------------|--|
| Revision date | 4/7/2020 |
| Revision | 1 |
| SDS No. | 5217 |
| Hazard statements in full | H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H360 May damage fertility or the unborn child. |

End of Safety Data Sheet

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.