

Safety Data Sheet

Product Name: **BONDSAVER and BONDSAVER D**
SDS Issue Date: **October 21st, 2017**

Section 1: Identification

- 1.1. Product Identifier**
Product Name: BONDSAVER and BONDSAVER D
Product Form: Mixture
- 1.2. Recommended use and restrictions on use**
Recommended use: Dental Product, Dental Adhesive
Restrictions on Use: For use by Dental professionals
- 1.3. Supplier Details**
Supplier: Apex Dental Materials, Incorporated
330 Telser Road
Lake Zurich, IL 60047
United States of America
1-877-273-9123 or 1-847-719-1133
info@apexdentalmaterials.com
- Telephone Number for Information:
Email
- 1.4. Emergency Telephone Number** 877-273-9123 or 847-975-0425

Section 2: Hazard(s) Identification

2.1 Hazards Classification

| | |
|--------------------------------|------------------|
| Skin Irritant 2: | Category 1 H315 |
| Serious Eye Damage/Irritation: | Category 1 H318 |
| Skin Sensitizer: | Category 1 H317 |
| Resp. Sens. | Category 1 H334. |
| Respiratory Irritation | Category 1 H335 |

2.2 Label Elements

Signal word: Danger

Hazard Pictogram:



Hazard Statements:

H315 – Causes skin irritation
H318 – Causes serious eye damage
H317 – May cause an allergic skin reaction
H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.

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H335 – May cause respiratory irritation

Precautionary Statements: P260 - Do not breathe dust/fume/gas/mist/vapors/spray
P264 - Wash hands thoroughly after handling
P280 - Wear protective gloves, eye protection
P301+P330+P331 - If swallowed: rinse mouth. Do NOT induce vomiting
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
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P310 - Immediately call a poison center/doctor
P363 - Wash contaminated clothing before reuse
P501 - Dispose in a safe manner in accordance with local/national regulations.

2.3. Other Hazards:

None

2.4. Toxicity

None

Section 3: Composition / Information on Ingredients

| Ingredient | CAS Number | % by Weight |
|-----------------------------|------------|-------------|
| 2 Hydroxyethyl methacrylate | 868-77-9 | 0% – 25% |
| Water | 7732-18-5 | 5% - 95% |
| Glutaraldehyde | 111-30-8 | 0% – 25% |
| | | |

Section 4: First Aid Measures

4.1 Description of first-aid measures

Inhalation: Provide fresh air and rest

Skin Contact: Flush with copious amounts of water

Eye Contact: Flush with running water for a minimum of 15 minutes. Seek medical attention

Ingestion: Drink 2 or more glasses of water or milk, seek medical attention. Do not induce vomiting

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

Symptoms (Skin contact): Causes severe skin burns.

Symptoms (Eye Contact): Serious damage to eyes.

4.3. Indication of any immediate medical attention and special treatment required

None

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Section 5: Firefighting Measures

5.1. Extinguishing media:

Dry chemical powder, foam or carbon dioxide

5.2. Special hazards arising from the substance of mixture:

Upon combustion, irritating gases may form

5.3. Special protective measures for firefighters:

None

Section 6: Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1 Non-Emergency Personnel:

Emergency Procedures: Evacuate all unnecessary personnel

6.1.2 Emergency Personnel:

Protective equipment: Do not attempt to take action without suitable protective equipment. .
Emergency procedures: Ventilate area.

6.2 Environmental Precautions:

Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3 Methods and material for containment and clean up:

Contain spill. Clean up with damp cloth. Dispose of immediately

Section 7: Handling and Storage

7.1. Precautions for safe handling:

Ensure good ventilation of the work station. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes. Wear personal protective equipment. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking. If clothing becomes contaminated, wash prior to reuse.

7.2. Conditions for safe storage including any incompatibilities:

Comply with applicable regulations. Store in a well-ventilated location. Keep cool. Keep container closed when not in use. Do not store with strong bases. Do not store in direct sunlight.

Section 8: Exposure Controls / Personal Protection

8.1. Control Parameters:

Components listed in Section 3 and not listed below do not have an established occupational exposure limit

| Ingredient | CAS Number | Agency | Limit Type |
|----------------|------------|--------|------------|
| Glutaraldehyde | 111-30-8 | ACGIH | 0.05 ppm |

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| | | | |
|--|--|--|------------------------------|
| | | | (0.2 mg/m ³) TWA |
|--|--|--|------------------------------|

8.2. Exposure Controls/Personal Protection

| | |
|-------------------------|---|
| Eye Protection: | Wear protective eyewear |
| Hand Protection: | Wear protective gloves |
| Respiratory Protection: | Avoid prolonged breathing of vapors |
| Skin Protection: | Avoid contact, if contact does occur rinse with copious amounts of water. |

Section 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties:

| | |
|------------------------------|---------------------------------------|
| Appearance and Odor: | Clear, thin material no distinct odor |
| Boiling Point: | > 100° Celsius |
| Vapor Pressure (mm Hg) | N/A |
| Vapor Density (Air = 1) | N/A |
| Specific Gravity (Water = 1) | 1 |
| pH | 6.5 |
| Melting Point | < 0° Celsius |
| Evaporation Rate | N/A |
| Solubility in Water | Soluble |

Section 10: Stability and Reactivity

10.1. Reactivity

Stable. Avoid high temperatures

10.2. Chemical Stability:

Stable. Avoid high temperatures

10.3. Possibility of Hazardous Reactions

No additional information available

10.4. Conditions to Avoid:

High temperatures, direct sunlight, poorly ventilated areas

10.5. Incompatible Materials:

None

10.6. Hazardous Decomposition Products:

None

Section 11: Toxicological Information

11.1. Information on toxicological effect:

Acute: No acute toxicity. It is to be used only as directed, with personal protective equipment and by licensed dental professionals.

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Section 12: Ecological Information

| | |
|--|---|
| 12.1. Toxicity: | |
| Toxicity: | Not determined |
| Aquatic Toxicity: | Do not introduce into sewers or drains. |
| 12.2. Persistence and degradability: | Not determined |
| 12.3. Bioaccumulative potential: | Not determined |
| 12.4. Mobility in soil: | Not determined |
| 12.5. Results of PBT and vPvB assessment: | Not determined |
| 12.6. Other adverse effects: | None |

Section 13: Disposal Considerations

13.1. Waste treatment methods

Follow local law and regulations for disposal of this material. If none exist follow state or regional laws and regulations

Section 14: Transportation Information

| | |
|---|----------------------------|
| 14.1. UN number: | Not Applicable |
| 14.2. UN proper shipping name: | Not Applicable |
| 14.3. Transport hazard class(es): | Not Applicable |
| 14.4. Packing group | Not Applicable |
| 14.5. Environmental hazards | Not Applicable |
| 14.6. Special precautions for user | |
| | ADR - road: Not Applicable |
| | RID - rail: Not Applicable |
| | IMDG - sea: Not Applicable |
| | IATA - air: Not Applicable |
| 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: | Not Applicable |

Section 15: Regulatory Information

| | |
|----------------------------------|--|
| 15.1. US Federal Regulations: | Contact Apex Dental Materials for additional information |
| 15.2. International Regulations: | |
| Canada | No additional information available |
| European Union | No additional information available |
| 15.3. US State Regulations: | No additional information available |

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Section 16: Other Information

Revision Date: October 21st, 2017
Revision Number: 1

| Relevant Explanations | |
|-----------------------|--|
| H315 | Causes skin irritation |
| H317 | May cause an allergic skin reaction |
| H318 | Causes serious eye damage |
| H334 | May cause allergy or asthma symptoms or breathing difficulties if inhaled. |
| H335 | May cause respiratory irritation |

NOTE: This information is believed to be correct as of the date of this SDS. The manufacturer makes no representation as to the completeness or accuracy of this information and supplies it on the condition that the person receiving it will make their own determination as to its suitability or their purposes prior to use. In no event will the manufacturer be responsible for damages of any nature whatsoever resulting from the use of or reliance upon the information contained herein.

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