



Revision Number: 004.0

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1. PRODUCT AND COMPANY IDENTIFICATION

| | | | |
|-------------------------------|----------------------------------|--|---------------|
| Product name: | BONDERITE S-ST 6813E AERO | IDH number: | 596829 |
| Product type: | Paint stripping agents | Region: | United States |
| Restriction of Use: | None identified | Contact information: | |
| Company address: | | Telephone: (860) 571-5100 | |
| Henkel Corporation | | MEDICAL EMERGENCY Phone: Poison Control Center | |
| One Henkel Way | | 1-877-671-4608 (toll free) or 1-303-592-1711 | |
| Rocky Hill, Connecticut 06067 | | TRANSPORT EMERGENCY Phone: CHEMTREC | |
| | | 1-800-424-9300 (toll free) or 1-703-527-3887 | |
| | | Internet: www.henkelna.com | |

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

WARNING: CAUSES SKIN IRRITATION.
MAY CAUSE AN ALLERGIC SKIN REACTION.
CAUSES SERIOUS EYE IRRITATION.
MAY CAUSE DROWSINESS OR DIZZINESS.

| HAZARD CLASS | HAZARD CATEGORY |
|--|-----------------|
| SKIN IRRITATION | 2 |
| EYE IRRITATION | 2A |
| SKIN SENSITIZATION | 1 |
| SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE | 3 |

PICTOGRAM(S)



Precautionary Statements

Prevention: Avoid breathing vapors, mist, or spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Wear eye and face protection. Wear protective gloves.

Response: IF ON SKIN: Wash with plenty of soap and water. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to remove. Continue rinsing. Call a poison control center or physician if you feel unwell. If skin irritation or rash occurs: Get medical attention. If eye irritation persists: Get medical attention. Take off contaminated clothing.

Storage: Store in a well-ventilated place. Keep container tightly closed. Store locked up.

Disposal: Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

| Hazardous Component(s) | CAS Number | Percentage* |
|-------------------------------|-------------|-------------|
| Benzyl alcohol | 100-51-6 | 30 - 60 |
| Anisole | 100-66-3 | 10 - 30 |
| Amine borate | Proprietary | 1 - 5 |
| Benzene, C10-16-alkyl derivs. | 68648-87-3 | 1 - 5 |
| Ammonium hydroxide | 1336-21-6 | 1 - 5 |
| 2-Methylbut-3-yn-2-ol | 115-19-5 | 1 - 5 |

* Exact percentage is a trade secret. Concentration range is provided to assist users in providing appropriate protections.

4. FIRST AID MEASURES

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|----------------------|--|
| Inhalation: | If mist or vapor of this product is inhaled, remove person immediately to fresh air. Seek medical attention if symptoms develop or persist. |
| Skin contact: | For skin contact flush with large amounts of water. Obtain medical attention if irritation persists. |
| Eye contact: | In case of contact with the eyes, rinse immediately with plenty of water for 15 minutes, and seek immediate medical attention. |
| Ingestion: | Get immediate medical attention. Do not induce vomiting. Never give anything by mouth to a victim who is unconscious or is having convulsions. |
| Symptoms: | See Section 11. |

5. FIRE FIGHTING MEASURES

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| Extinguishing media: | Use media appropriate for surrounding material. |
| Special firefighting procedures: | Wear full protective clothing. Wear self-contained breathing apparatus. |
| Unusual fire or explosion hazards: | This product is combustible at high temperatures. |
| Hazardous combustion products: | Irritating and/or toxic fumes and gases may be emitted upon the product's decomposition. |

6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

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|-----------------------------------|--|
| Environmental precautions: | Prevent further leakage or spillage if safe to do so. Contain spill. Ventilate area. Do not allow product to enter sewer or waterways. Isolate area. Keep unnecessary personnel away. |
| Clean-up methods: | Collect spilled material with an inert absorbent such as sand or vermiculite. Place in properly labeled closed container. Dispose of according to Federal, State and local governmental regulations. |

7. HANDLING AND STORAGE

Handling: Avoid contact with eyes, skin and clothing. Provide adequate ventilation. Avoid breathing vapors or mists of this product. Wash thoroughly after handling. Do not reuse the empty container.

Storage: Keep the container tightly closed and in a cool, well-ventilated place. Store between 40°F and 100°F. (5° and 38°C).

For information on product shelf life, please review labels on container or check the Technical Data Sheet.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

| Hazardous Component(s) | ACGIH TLV | OSHA PEL | AIHA WEEL | OTHER |
|-------------------------------|-----------|----------|---------------------------------------|-------|
| Benzyl alcohol | None | None | 10 ppm (44.20 mg/m ³) TWA | None |
| Anisole | None | None | None | None |
| Amine borate | None | None | None | None |
| Benzene, C10-16-alkyl derivs. | None | None | None | None |
| Ammonium hydroxide | None | None | None | None |
| 2-Methylbut-3-yn-2-ol | None | None | None | None |

Engineering controls: Provide local and general exhaust ventilation to effectively remove and prevent buildup of any vapors or mists generated from the handling of this product.

Respiratory protection: If ventilation is not sufficient to effectively prevent buildup of aerosols, mists or vapors, appropriate NIOSH/MSHA respiratory protection must be provided.

Eye/face protection: Wear chemical goggles; face shield (if splashing is possible).

Skin protection: Chemical resistant, impermeable gloves. Use of impervious apron and boots are recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|-----------------------------------|
| Physical state: | Liquid |
| Color: | pink |
| Odor: | ammoniacal |
| Odor threshold: | Not available. |
| pH: | 10 - 10.8 |
| Vapor pressure: | 1.6 mm hg (20 °C (68°F)) |
| Boiling point/range: | > 100 °C (> 212°F) |
| Melting point/ range: | Not determined |
| Specific gravity: | 0.99 - 1.02 at 25 °C (77°F) |
| Vapor density: | Not determined |
| Flash point: | > 220 °F (> 104.44 °C) calculated |
| Flammable/Explosive limits - lower: | Not determined |
| Flammable/Explosive limits - upper: | Not determined |
| Autoignition temperature: | Not determined |
| Evaporation rate: | Not determined |
| Solubility in water: | Appreciable |
| Partition coefficient (n-octanol/water): | Not available. |
| VOC content: | 567 g/l |
| Viscosity: | Not available. |
| Decomposition temperature: | Not available. |

10. STABILITY AND REACTIVITY

| | |
|--|---|
| Stability: | Stable at normal conditions. |
| Hazardous reactions: | Will not occur. |
| Hazardous decomposition products: | Upon decomposition, this product may yield gaseous nitrogen oxides, carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons. |
| Incompatible materials: | This product may react with strong acids or oxidizing agents. Will attack some forms of plastic, rubber, and coatings. |
| Reactivity: | Not available. |
| Conditions to avoid: | Avoid excessive heat and ignition sources. |

11. TOXICOLOGICAL INFORMATION

Relevant routes of exposure: Skin, Inhalation, Eyes

Potential Health Effects/Symptoms

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|----------------------|--|
| Inhalation: | This product is irritating to the respiratory system. Inhalation of mists or vapors may produce upper airway edema, wheezing, pulmonary edema, pneumonitis and respiratory failure. Repeated inhalation may be harmful; lung irritation and serious central nervous system disorders may result. |
| Skin contact: | Contact with liquid may produce severe skin irritation including redness, inflammation and chemical burns. This product may cause an allergic skin reaction. A component in this product may be absorbed through the skin in harmful amounts. |
| Eye contact: | This product is severely irritating to the eyes. |
| Ingestion: | This product may produce corrosive damage to the gastrointestinal tract if it is swallowed. May be harmful if swallowed. |

| Hazardous Component(s) | LD50s and LC50s | Immediate and Delayed Health Effects |
|-------------------------------|---|---|
| Benzyl alcohol | Oral LD50 (RABBIT) = 1,940 mg/kg Oral LD50 (RAT) = 1,230 - 3,100 mg/kg Oral LD50 (RAT) = 3,100 mg/kg Dermal LD50 (RABBIT) = 2,000 mg/kg Inhalation LC50 (RAT, 8 h) = 1,000 mg/l | Allergen, Central nervous system, Corrosive, Irritant |
| Anisole | None | Central nervous system, Irritant, Sensory |
| Amine borate | None | Allergen, Cardiac, Central nervous system, Developmental, Gastrointestinal, Irritant, Kidney, Metabolic, Reproductive |
| Benzene, C10-16-alkyl derivs. | None | Irritant |
| Ammonium hydroxide | Oral LD50 (RAT) = 350 mg/kg | Irritant, Corrosive |
| 2-Methylbut-3-yn-2-ol | None | Irritant |

| Hazardous Component(s) | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen (Specifically Regulated) |
|-------------------------------|----------------|-----------------|--|
| Benzyl alcohol | No | No | No |
| Anisole | No | No | No |
| Amine borate | No | No | No |
| Benzene, C10-16-alkyl derivs. | No | No | No |
| Ammonium hydroxide | No | No | No |
| 2-Methylbut-3-yn-2-ol | No | No | No |

12. ECOLOGICAL INFORMATION

Ecological information: Not available.

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

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| Recommended method of disposal: | Follow all local, state, federal and provincial regulations for disposal. |
| Hazardous waste number: | Material, if discarded, is not expected to be a characteristic hazardous waste under RCRA. Wastes must be tested using methods described in 40 CFR Part 261 to determine if it meets applicable definitions of hazardous wastes. |

14. TRANSPORT INFORMATION

The transport information provided in this section only applies to the material/formulation itself, and is not specific to any package/configuration.

U.S. Department of Transportation Ground (49 CFR)

| | |
|----------------------------------|---------------|
| Proper shipping name: | Not regulated |
| Hazard class or division: | None |
| Identification number: | None |
| Packing group: | None |

International Air Transportation (ICAO/IATA)

| | |
|----------------------------------|---------------|
| Proper shipping name: | Not regulated |
| Hazard class or division: | None |
| Identification number: | None |
| Packing group: | None |

Water Transportation (IMO/IMDG)

| | |
|----------------------------------|---------------|
| Proper shipping name: | Not regulated |
| Hazard class or division: | None |
| Identification number: | None |
| Packing group: | None |

15. REGULATORY INFORMATION

United States Regulatory Information

| | |
|---|---|
| TSCA 8 (b) Inventory Status: | All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory. |
| TSCA 12 (b) Export Notification: | None above reporting de minimis |
| CERCLA/SARA Section 302 EHS: | None above reporting de minimis |
| CERCLA/SARA Section 311/312: | Immediate Health |
| CERCLA/SARA Section 313: | This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372). Ammonium hydroxide (CAS# 1336-21-6). |
| California Proposition 65: | No California Proposition 65 listed chemicals are known to be present. |

Canada Regulatory Information

| | |
|-----------------------------|---|
| CEPA DSL/NDL Status: | All components are listed on or are exempt from listing on the Canadian Domestic Substances List. |
|-----------------------------|---|

16. OTHER INFORMATION

This safety data sheet contains changes from the previous version in sections: Updated Contact Information in Section 1.

| | |
|---------------------|---|
| Prepared by: | John DiCerbo, Sr. Regulatory Affairs Specialist |
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