

Material Safety Data Sheet



Revision Number: 002.1

Issue date: 03/04/2009

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: H8000 SPEEDBONDR 490ML DUAL
Product type: Activator
Company address:
Henkel Corporation
1001 Trout Brook Crossing
Rocky Hill, Connecticut 06067

IDH number: 702061
Item number: 36160_AB0800
Region: United States
Contact information:
Telephone: 860.571.5100
Emergency telephone: 860.571.5100
Internet: www.henkelna.com

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Physical state: Paste
Color: Blue
Odor: Mild

HEALTH: *2
FLAMMABILITY: 1
PHYSICAL HAZARD: 2
Personal Protection: See MSDS Section 8

WARNING: MAY CAUSE ALLERGIC SKIN REACTION.
MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.

Relevant routes of exposure: Skin, Inhalation, Eyes

Potential Health Effects

Inhalation: May cause respiratory tract irritation.
Skin contact: May cause skin irritation. May cause allergic skin reaction.
Eye contact: May cause irritation.
Ingestion: Not expected to be harmful by ingestion.

Existing conditions aggravated by exposure: Eye, skin, and respiratory disorders.

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

| Hazardous components | CAS NUMBER | % |
|------------------------|-------------|---------|
| Benzoyl peroxide | 94-36-0 | 10 - 30 |
| Epoxy resin | Proprietary | 10 - 30 |
| Aromatic Ester | Proprietary | 10 - 30 |
| Butyl benzyl phthalate | 85-68-7 | 10 - 30 |
| Aromatic Ester | Proprietary | 1 - 5 |
| Aromatic Ester | Proprietary | 1 - 5 |

4. FIRST AID MEASURES

Inhalation: Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

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|----------------------|--|
| Skin contact: | Wash with soap and water. Remove contaminated clothing and footwear. Wash clothing before reuse. If symptoms develop and persist, get medical attention. |
| Eye contact: | Flush with copious amounts of water, preferably, lukewarm water for at least 15 minutes, holding eyelids open all the time. Get medical attention. |
| Ingestion: | Do not induce vomiting. Never give anything by mouth to an unconscious person. Keep individual calm. Get medical attention. |

5. FIRE FIGHTING MEASURES

| | |
|--|--|
| Flash point: | > 93 °C (> 199.4 °F) Tagliabue closed cup; Estimated |
| Autoignition temperature: | Not available |
| Flammable/Explosive limits - lower: | Not available |
| Flammable/Explosive limits - upper: | Not available |
| Extinguishing media: | Foam, dry chemical or carbon dioxide. |
| Special firefighting procedures: | Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear. |
| Unusual fire or explosion hazards: | Not available |
| Hazardous combustion products: | Oxides of carbon. Irritating organic vapours. |

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: | Do not allow product to enter sewer or waterways. |
| Clean-up methods: | Remove all sources of ignition. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Store in a partly filled, closed container until disposal. |

7. HANDLING AND STORAGE

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|------------------|---|
| Handling: | Use only with adequate ventilation. Avoid contact with eyes, skin and clothing. Keep away from heat, spark and flame. |
| Storage: | For safe storage, store at or below 38 °C (100.4 °F) |

For information on product shelf life contact Henkel Customer Service at (800) 243-4874.

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 components | ACGIH TLV | OSHA PEL | AIHA WEEL | OTHER |
|------------------------|-------------|-------------|-----------|-------|
| Benzoyl peroxide | 5 mg/m3 TWA | 5 mg/m3 TWA | None | None |
| Epoxy resin | None | None | None | None |
| Aromatic Ester | None | None | None | None |
| Butyl benzyl phthalate | None | None | None | None |
| Aromatic Ester | None | None | None | None |
| Aromatic Ester | None | None | None | None |

| | |
|--------------------------------|---|
| Engineering controls: | Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits. |
| Respiratory protection: | Use NIOSH approved respirator if there is potential to exceed exposure limit(s). |
| Eye/face protection: | Safety goggles or safety glasses with side shields. |
| Skin protection: | Use impermeable gloves and protective clothing as necessary to prevent skin contact. |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|--|
| Physical state: | Paste |
| Color: | Blue |
| Odor: | Mild |
| Odor threshold: | Not available |
| pH: | Not applicable |
| Vapor pressure: | Not available |
| Boiling point/range: | 149 °C (300.2 °F) Decomposition. |
| Melting point/ range: | Not available |
| Specific gravity: | 1.15 |
| Vapor density: | Not available |
| Flash point: | > 93 °C (> 199.4 °F) Tagliabue closed cup; Estimated |
| Flammable/Explosive limits - lower: | Not available |
| Flammable/Explosive limits - upper: | Not available |
| Autoignition temperature: | Not available |
| Evaporation rate: | Not available |
| Solubility in water: | Slight |
| Partition coefficient (n-octanol/water): | Not available |
| VOC content: | 1.37 %; 12.8 g/l (Adhesive and Activator mixed) |

10. STABILITY AND REACTIVITY

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|--|---|
| Stability: | Stable |
| Hazardous reactions: | Will not occur. |
| Hazardous decomposition products: | Oxides of carbon. Irritating organic vapours. |
| Incompatible materials: | Strong oxidizing agents. Strong acids. |
| Conditions to avoid: | See "Handling and Storage" (Section 7) and "Incompatibility" (Section 10). Do not mix in batches greater than 100 grams (0.22 pounds) unless you plan to use immediately. |

11. TOXICOLOGICAL INFORMATION

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| Acute oral product toxicity: | LD50 (rat) > 10,000 mg/kg |
| Acute dermal product toxicity: | LD50 (rabbit) > 5,000 mg/kg (Estimated) |

| Hazardous components | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen (Specifically Regulated) |
|------------------------|----------------|-----------------|---|
| Benzoyl peroxide | No | No | No |
| Epoxy resin | No | No | No |
| Aromatic Ester | No | No | No |
| Butyl benzyl phthalate | No | No | No |
| Aromatic Ester | No | No | No |
| Aromatic Ester | No | No | No |

| Hazardous components | Health Effects/Target Organs |
|------------------------|--|
| Benzoyl peroxide | Allergen, Irritant, Mutagen |
| Epoxy resin | Allergen, Irritant |
| Aromatic Ester | No Target Organs |
| Butyl benzyl phthalate | Blood, Central nervous system, Irritant, Kidney, Liver, Pancreas, Reproductive |
| Aromatic Ester | No Target Organs |
| Aromatic Ester | No Records |

12. ECOLOGICAL INFORMATION

Ecological information: Not available

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Follow all local, state, federal and provincial regulations for disposal.

Hazardous waste number: D003: Reactive.

14. TRANSPORT INFORMATION

When transporting as a set (component A and B) then the following dangerous good classification is used: UN 3269 Polyester resin kit, 3, III.

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

Proper shipping name: Organic peroxide type E, solid (Dibenzoyl peroxide [as a paste]) (Butyl-benzyl-phthalate)
Hazard class or division: 5.2
Identification number: UN 3108
Packing group: II
Marine pollutant: Butyl-benzyl-phthalate
Exceptions: (Not more than 500 g), Consumer Commodity

International Air Transportation (ICAO/IATA)

Proper shipping name: Organic peroxide type E, solid (Dibenzoyl peroxide)
Hazard class or division: 5.2
Identification number: UN 3108
Packing group: None

Water Transportation (IMO/IMDG)

Proper shipping name: ORGANIC PEROXIDE TYPE E, SOLID (DIBENZOYL PEROXIDE) (Butyl-benzyl-phthalate)
Hazard class or division: 5.2
Identification number: UN 3108
Packing group: None
Marine pollutant: Butyl-benzyl-phthalate

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 minimus
CERCLA/SARA Section 302 EHS: None above reporting de minimus
CERCLA/SARA Section 311/312: Immediate Health, Delayed Health, Reactive
CERCLA/SARA 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). Benzoyl peroxide (CAS# 94-36-0).
CERCLA Reportable quantity: Butyl benzyl phthalate (CAS# 85-68-7) 100 lbs. (45.4 kg)

California Proposition 65:

This product contains a chemical known in the State of California to cause cancer. This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

Canada Regulatory Information

CEPA DSL/NDL Status:

All components are listed on or are exempt from listing on the Canadian Domestic Substances List.

WHMIS hazard class:

C, D.2.A, D.2.B

16. OTHER INFORMATION

This material safety data sheet contains changes from the previous version in sections: New Material Safety Data Sheet format.

Prepared by: Kyra Kozak Woods, Manager, Regulatory Affairs

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