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Safety Data Sheet

Revision Number: 005.0

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1. PRODUCT AND COMPANY IDENTIFICATION

Product name: **LOCTITE AA H8000 B known as H8000 SPEEDBONDR 490ML DUAL**
IDH number: 702061
Product type: Activator
Item number: 36160_AB0800
Restriction of Use: None identified
Region: United States
Company address:
Henkel Corporation
One Henkel Way
Rocky Hill, Connecticut 06067

Contact information:
Telephone: (860) 571-5100
MEDICAL EMERGENCY Phone: Poison Control Center
1-877-671-4608 (toll free) or 1-303-592-1711
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:
HEATING MAY CAUSE A FIRE.
CAUSES SKIN IRRITATION.
MAY CAUSE AN ALLERGIC SKIN REACTION.
CAUSES SERIOUS EYE IRRITATION.

HAZARD CLASS	HAZARD CATEGORY
ORGANIC PEROXIDE	E
SKIN IRRITATION	2
EYE IRRITATION	2A
SKIN SENSITIZATION	1

PICTOGRAM(S)



Precautionary Statements

Prevention: Keep away from heat, sparks, open flames, hot surfaces - no smoking. Keep away from clothing and other combustible materials. Keep only in original container. Avoid breathing dust or fumes. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves, eye protection, and face protection.

Response: IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to remove. Continue rinsing. If skin irritation or rash occurs: Get medical attention. If eye irritation persists: Get medical attention. Take off contaminated clothing.

Storage: Protect from sunlight. Store at temperatures not exceeding 38 °C (100.4 °F). Keep cool. Store away from other materials.

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.

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3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Component(s)	CAS Number	Percentage*
Benzoyl peroxide	94-36-0	10 - 30
Epoxy resin	Proprietary	10 - 30
Benzyl butyl phthalate	85-68-7	10 - 30
Epoxy resin	Proprietary	0.1 - 1

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

4. FIRST AID MEASURES

Inhalation: Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. If symptoms develop and persist, get medical attention.

Skin contact: Immediately flush skin with plenty of water (using soap, if available). Remove contaminated clothing and footwear. If symptoms develop and persist, get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.

Eye contact: Flush with copious amounts of water, preferably, lukewarm water for at least 15 minutes, holding eyelids open all the time. If symptoms develop and persist, get medical attention.

Ingestion: DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention.

Symptoms: See Section 11.

5. FIRE FIGHTING MEASURES

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: Closed containers may rupture (due to build up of pressure) when exposed to extreme heat. Danger of decomposition if exposed to heat.

Hazardous combustion products: Oxides of carbon. Phenolics. Toxic fumes. Irritating vapors.

6. ACCIDENTAL RELEASE MEASURES

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

Environmental precautions: Do not allow product to enter sewer or waterways.

Clean-up methods: Remove all sources of ignition. Ensure adequate ventilation. Wear appropriate personal protective equipment. Refer to Section 8 "Exposure Controls / Personal Protection" prior to clean up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Scrape up spilled material and place in a closed container for disposal.

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7. HANDLING AND STORAGE

Handling: Keep away from heat, spark and flame. Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. Use only with adequate ventilation. Keep container closed.

Storage: For safe storage, store at or below 38 °C (100.4 °F)
Keep container tightly closed and in a cool, well-ventilated place away from incompatible materials. Keep away from heat, spark and flame. Protect from direct sunlight.

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
Benzoyl peroxide	5 mg/m3 TWA	5 mg/m3 PEL	None	None
Epoxy resin	None	None	None	None
Benzyl butyl phthalate	None	None	None	None
Epoxy resin	None	None	None	None

Engineering controls: Use local ventilation if general ventilation is insufficient to maintain vapor concentration below established 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. Full face protection should be used if the potential for splashing or spraying of product exists.

Skin protection: Use chemical resistant, impermeable clothing including gloves and either an apron or body suit 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
Flammable/Explosive limits - lower: Not available.
Flammable/Explosive limits - upper: Not available.
Autoignition temperature: Not available.
Evaporation rate: Not available.
Solubility in water: Slight
Solubility in water: Slightly soluble
Partition coefficient (n-octanol/water): Not available.
VOC content: 1.37 %; 12.8 g/l (Adhesive and Activator mixed)
Viscosity: Not available.
Decomposition temperature: Not available.

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10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions of storage and use.

Hazardous reactions: Polymerization may occur at elevated temperature or in the presence of incompatible materials.

Hazardous decomposition products: Oxides of carbon. Phenolics. Toxic fumes. Irritating vapors.

Incompatible materials: Oxidizing agents. Reducing agents. Acids. Bases. Amines. Rust. Iron. Copper. Heavy metals.

Reactivity: Not available.

Conditions to avoid: Keep away from heat, ignition sources and incompatible materials. Protect from direct sunlight. Do not mix in batches greater than 100 grams (0.22 pounds) unless you plan to use immediately.

11. TOXICOLOGICAL INFORMATION

Relevant routes of exposure: Skin, Inhalation, Eyes

Potential Health Effects/Symptoms

Inhalation: May cause respiratory tract irritation.
Skin contact: Causes skin irritation. May cause allergic skin reaction.
Eye contact: Causes serious eye irritation.
Ingestion: May cause gastrointestinal tract irritation if swallowed.

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects
Benzoyl peroxide	Oral LD50 (RAT) = 7,710 mg/kg	Allergen, Irritant, Mutagen
Epoxy resin	None	Allergen, Irritant
Benzyl butyl phthalate	Oral LD50 (RAT) = 13,500 mg/kg Dermal LD50 (RAT) = 6,700 mg/kg	Blood, Central nervous system, Irritant, Kidney, Liver, Pancreas, Reproductive
Epoxy resin	None	No Data

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Benzoyl peroxide	No	No	No
Epoxy resin	No	No	No
Benzyl butyl phthalate	No	No	No
Epoxy resin	No	No	No

12. ECOLOGICAL INFORMATION

Ecological information: Not available.

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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: D001: Ignitable.

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: Organic peroxide type E, solid (Dibenzoyl peroxide, paste, ≤52%)
Hazard class or division: 5.2
Identification number: UN 3108
Packing group: II
Marine pollutant: Butyl-benzyl-phthalate
DOT Hazardous Substance(s): Butyl benzyl phthalate
Exceptions: Up to 5 gallons max per inner/primary package when shipped as originally packaged only

International Air Transportation (ICAO/IATA)

Proper shipping name: Organic peroxide type E, solid (Dibenzoyl peroxide)
Hazard class or division: 5.2 (HEAT)
Identification number: UN 3108
Packing group: None
Exceptions: Up to 5 gallons max per inner/primary package when shipped as originally packaged only

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, Dibenzoyl peroxide
Exceptions: Up to 5 gallons max per inner/primary package when shipped as originally packaged only

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: Reactive, Immediate Health, Delayed 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). Benzoyl peroxide (CAS# 94-36-0).
CERCLA Reportable quantity: Benzyl butyl 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.

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Canada Regulatory Information

CEPA DSL/NDSL 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: 14

Prepared by: Rena Petrides, Regulatory Affairs Specialist

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