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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: SPDBNDR H4800 PART B 36 LB PAIL
Product type: Acrylics
Company address:
 Henkel Corporation
 1001 Trout Brook Crossing
 Rocky Hill, Connecticut 06067

Item No. : 83046 / IDH No. 398450
Region: United States
Contact Information:
 Telephone: 860.571.5100
 Emergency telephone: 860.571.5100
 Internet: www.loctite.com

2. COMPOSITION/INFORMATION ON INGREDIENTS

| <u>Hazardous components</u> | <u>%</u> | <u>ACGIH TLV</u> | <u>OSHA PEL</u> | <u>OTHER</u> |
|--|----------|----------------------------|--|--------------|
| Methyl methacrylate 80-62-6 | 60-100 | 50 ppm TWA 100 ppm STEL | 100 ppm TWA 410 mg/m ³ TWA | 50 ppm |
| Aldehyde-amine condensate Proprietary | 10-30 | None | None | None |

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Physical state: Paste
Color: Yellow Opaque
Odor: Sharp

HMIS:

HEALTH: 2*
FLAMMABILITY: 3
PHYSICAL HAZARD: 1
Personal Protection: See Section 8

WARNING: FLAMMABLE LIQUID AND VAPOR.
 CAUSES EYE, SKIN AND RESPIRATORY TRACT IRRITATION
 HARMFUL IF SWALLOWED.
 MAY CAUSE ALLERGIC SKIN REACTION.

Relevant routes of exposure: Skin, Inhalation, Eyes, Ingestion

Potential Health Effects

Inhalation: Vapors may cause headaches, nausea, dizziness and respiratory tract irritation.
Skin contact: Irritating to skin. May cause allergic skin reaction.
Eye contact: Vapors may irritate eyes. Contact with eyes will cause irritation.
Ingestion: May be harmful if swallowed. Ingestion causes irritation and effects similar to inhalation.

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

See Section 11 for additional toxicological information.

4. FIRST AID MEASURES

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| Inhalation: | Remove to fresh air. If symptoms develop and persist, get medical attention. |
| Skin contact: | Wash with soap and water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if symptoms occur. |
| 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. Keep individual calm. Obtain medical attention. |

5. FIRE-FIGHTING MEASURES

| | |
|--|--|
| Flash point: | 14°C (58°F) Setaflash Closed cup |
| 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 fire fighting procedures: | None |
| Unusual fire or explosion hazards: | Vapors may accumulate in low or confined areas, travel considerable distance to source of ignition, and flash back. |
| Hazardous combustion products: | Oxides of carbon. Oxides of nitrogen. Hydrogen cyanide. Aldehydes. Ketones. Toxic fumes. Acrid smoke and fumes. Irritating organic vapors. |

6. ACCIDENTAL RELEASE MEASURES

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| Environmental precautions: | Prevent product from entering drains or open waters. |
| Clean-up methods: | Remove all ignition sources. Ensure adequate ventilation. Soak up with inert absorbent. Store in a closed container until ready for disposal. |

7. HANDLING AND STORAGE

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| Handling: | Avoid contact with eyes, skin and clothing. Avoid breathing vapor and mist. Wash thoroughly after handling. During use and until all vapors are gone: Keep area ventilated - do not smoke; extinguish all flames, pilot lights, and heaters; turn off stoves, electrical tools and appliances, and any other sources of ignition. Make sure containers are properly grounded before use or transfer of material. |
| Storage: | Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use. For safe storage, store at or below 32°C (90°F). |
| Incompatible products: | Refer to Section 10. |

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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|--------------------------------|--|
| Engineering controls: | Use local exhaust ventilation to maintain airborne concentrations below established exposure limits. |
| Respiratory protection: | Use NIOSH approved respirator if there is potential to exceed exposure limit(s). |
| Skin protection: | Chemical resistant, impermeable gloves. Nitrile gloves. |
| Eye/face protection: | Safety goggles or safety glasses with side shields. |

See Section 2 for exposure limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

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|--|--|
| Physical state: | Paste |
| Color: | Yellow Opaque |
| Odor: | Sharp |
| Vapor pressure: | 28 mmHg @20°C (68° F) |
| pH: | Not applicable |
| Boiling point/range: | Greater than 38°C (100°F) |
| Melting point/range: | Not available |
| Specific gravity: | 0.96 |
| Vapor density: | Greater than 1 |
| Evaporation rate: | Faster than ether |
| Solubility in water: | Slight |
| Partition coefficient (n-octanol/water): | Not available |
| VOC content: | 2.60%; 26.0 grams/liter (Adhesive and Activator mixed) |

10. STABILITY AND REACTIVITY

| | |
|-----------------------------------|---|
| Stability: | Stable. |
| Hazardous polymerization: | May occur. |
| Hazardous decomposition products: | Oxides of carbon. Oxides of nitrogen. Hydrogen cyanide. Aldehydes. Styrene. Acrolein. Acetophenone. Ethylbenzene. Cumene. 4-Vinyl cyclohexene. Phenols. Ketones. Irritating organic vapors. Toxic fumes. Smoke. |
| Incompatibility: | Oxidizing agents. Reducing agents. Acids. Bases. |
| Conditions to avoid: | See "Handling and Storage" (Section 7) and "Incompatibility" (Section 10). Do not mix in batches greater than 100 grams (0.220 pounds) unless you plan to use immediately. |

11. TOXICOLOGICAL INFORMATION

Carcinogen Status

| Hazardous components | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen |
|--|----------------|-----------------|-----------------|
| Methyl methacrylate 80-62-6 | No | No | No |
| Aldehyde-amine condensate Proprietary | No | No | No |

Literature Referenced Target Organ & Other Health Effects

| Hazardous components | Health Effects/Target Organs |
|--|---|
| Methyl methacrylate 80-62-6 | Allergen, Irritant, Kidney, Liver, Nervous System, Respiratory, Mutagen |
| Aldehyde-amine condensate Proprietary | No data |

12. ECOLOGICAL INFORMATION

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| Ecological information: | Not available |
|-------------------------|---------------|

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

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| Recommended method of disposal: | Dispose of according to Federal, State and local governmental regulations. |
| EPA hazardous waste number: | D001: Ignitable. |

14. TRANSPORT INFORMATION

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

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|---------------------------|--|
| Proper shipping name: | Adhesives |
| Hazard class or division: | 3 |
| Identification number: | UN 1133 |
| Packing group: | II |
| Exceptions: | Consumer Commodity ORM-D (Not more than 5 L) |
| Marine pollutant: | None |

International Air Transportation (ICAO/IATA):

| | |
|---------------------------|---|
| Proper shipping name: | Adhesives |
| Hazard class or division: | 3 |
| Identification number: | UN 1133 |
| Packing group: | II |
| Exceptions: | May Qualify as Consumer Commodity ID8000 (Not more than 500 ml) |

WaterTransportation (IMO/IMDG):

| | |
|---------------------------|-----------|
| Proper shipping name: | Adhesives |
| Hazard class or division: | 3 |
| Identification number: | UN1133 |
| Packing group: | II |
| Marine pollutant: | None |

15. REGULATORY INFORMATION

United States Regulatory Information

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|----------------------------------|---|
| 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. |
| CERCLA/SARA Section 302 EHS: | None above reporting de minimus. |
| CERCLA/SARA Section 311/312: | Immediate Health Hazard, Delayed Health Hazard, Fire |
| 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). Methyl Methacrylate (CAS# 80-62-6) . |
| California Proposition 65: | This product contains a chemical known to the State of California to cause cancer. |

Canada Regulatory Information

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|----------------------|--|
| CEPA DSL/NDL Status: | All components are listed on or are exempt from listing on the Domestic Substances List. |
| WHMIS hazard class: | B.2, D.2.B |

16. OTHER INFORMATION

This material safety data sheet contains changes from the previous version in sections: 15

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