



Safety Data Sheet

Revision Number: 02.0

Issue date: 05/28/2015

1. PRODUCT AND COMPANY IDENTIFICATION

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|----------------------------|--|---------------------|---------------|
| Product name: | Slow-Cure™ | IDH number: | 205-206 |
| Product type: | 2-Part epoxy adhesive | Item number: | 205-206 |
| Restriction of Use: | None identified | Region: | United States |
| Company address: | Contact information: | | |
| Bob Smith Industries, Inc. | Telephone: (805) 466-1717 | | |
| 8060 Morro Road | MEDICAL EMERGENCY Phone: Poison Control Center | | |
| Atascadero, CA 93422 | 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 | | |
| | www.bsi-inc.com | | |

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

WARNING: CAUSES SKIN IRRITATION
MAY CAUSE AN ALLERGIC SKIN REACTION
CAUSES SERIOUS EYE IRRITATION

| HAZARD CLASS | HAZARD CATEGORY |
|--------------------|-----------------|
| SKIN IRRITATION | 2 |
| EYE IRRITATION | 2A |
| SKIN SENSITIZATION | 1 |

PICTOGRAM(S)



Precautionary Statements

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| Prevention: | Avoid breathing vapors. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves, eye protection and face protection. |
| Response: | IF ON SKIN: Wash with soap and water. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse with water for several minutes. If eye irritation persists: Get medical attention. In case of fire: Use water spray to extinguish. |
| Storage: | IF INGESTED: Do not induce vomiting without medical advise. Store in a well-ventilated place. Keep container tightly closed. Keep in a cool and dry area. |
| Disposal: | Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations. |

H-3, F-1, R-0

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).

3. COMPOSITION / INFORMATION ON INGREDIENTS

| Hazardous Component(s) | CAS Number | Percentage* |
|--------------------------------------|------------------------|-------------|
| Bisphenol A Epoxy Resin | 25068-38-6 | >45 |
| Aminoethylpiperazine Nonyl Phenol | 140-31-8 84852-15-3 | <25 >15 |

* 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: | Move to fresh air. |
| Skin contact: | Wash contact area with soap and water. Remove contaminated clothing. Launder contaminated clothing before use. |
| Eye contact: | Immediately flush thoroughly with water and get medical attention. |
| Ingestion: | Seek immediate medical attention. Do not induce vomiting. Irritating to mouth, throat and stomach. |
| Symptoms: | See Section 11. |
| Notes to physician: | If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately. Application of corticosteroid cream has been effective in treating skin irritation. |

5. FIRE FIGHTING MEASURES

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| Extinguishing media: | Water spray, alcohol-resistant foam, dry chemical or carbon dioxide. |
| Special firefighting procedures: | In enclosed spaces, wear a self-contained breathing apparatus. Prevent runoff from entering streams, sewers or drinking water supply. |
| Unusual fire or explosion hazards: | None |
| Hazardous combustion products: | May generate ammonia and nitrogen oxide gases. Halogenated compounds. |

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: | Ventilate area. Do not allow product to enter sewer or waterways. |
| Clean-up methods: | Absorb or cover with dry earth, sand or other absorbent, non-combustible material. Dispose of via a licensed waste disposal contractor. Refer to Section 8 "Exposure Controls / Personal Protection" prior to clean up. |

7. HANDLING AND STORAGE

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| Handling: | Prevent contact with eyes and avoid contact with skin. Avoid breathing vapor and mist. Wash thoroughly with soap and water after handling. Persons with a history of skin sensitization problems should not use. |
| Storage: | For safe storage, store between 2°C (36°F) and 40°C (104°F). Keep in a well ventilated, dry area. Keep container tightly closed until ready for use. |

For information on product shelf life contact BSI Customer Service at (800) 223-7699

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 |
|-------------------------|-------------|----------|-----------|-------|
| Bisphenol A Epoxy Resin | 200 ppm TWA | None | None | None |
| Aminoethylpiperazine | 150 ppm TWA | None | None | None |
| Nonyl Phenol | 150 ppm TWA | None | None | None |

| | |
|--------------------------------|---|
| Engineering controls: | Use positive down-draft exhaust ventilation if general ventilation is insufficient to maintain vapor concentration below established exposure limits. |
| Respiratory protection: | Not required for properly ventilated areas. |
| 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, impervious gloves as necessary to prevent contact. |

9. PHYSICAL AND CHEMICAL PROPERTIES

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| Physical state: | Liquid |
| Color: | Colorless to slight amber |
| Odor: | Fishy |
| Odor threshold: | N/D |
| pH: | Alkaline |
| Vapor pressure: | 1.17 mm hg (0.156 kPa) |
| Boiling point/range: | >200°C (>392°F) |
| Melting point/ range: | Not determined |
| Specific gravity: | 0.97 / 1.15 |
| Vapor density: | N/A |
| Flash point: | 101°C (214°F) ASTM D-56 |
| Flammable/Explosive limits - lower: | N/A |
| Flammable/Explosive limits - upper: | N/A |
| Auto-ignition temperature: | N/A |
| Evaporation rate: | N/A |
| Solubility in water: | Some |
| Partition coefficient (n-octanol/water): | 3.8 |
| VOC content: | < 2 %; < 20 g/l (California SCAQMD Method 316B) (Estimated) |
| Viscosity: | 10,000 to 12,000 cps.. |
| Decomposition temperature: | >200°C (>392°F) |

10. STABILITY AND REACTIVITY

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| Stability: | Material is stable under recommended storage conditions. |
| Hazardous reactions: | Hazardous polymerization will not occur. |
| Hazardous decomposition products: | Material does not decompose at ambient temperatures. |
| Incompatible materials: | Organic and mineral acids, strong oxidizers |
| Reactivity: | Not available. |
| Conditions to avoid: | No specific data |

11. TOXICOLOGICAL INFORMATION

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

Potential Health Effects/Symptoms

Inhalation: May cause respiratory tract irritation. Exposure to vapors above the established exposure limit results in respiratory irritation, which may cause headaches, dizziness, anesthesia and drowsiness. Is not a respiratory sensitizer.

Skin contact: May cause skin irritation. Prolonged skin contact may cause burns. May cause sensitization of skin.

Eye contact: May cause severe irritation to eyes.

Ingestion: Harmful if swallowed.

Aspiration: No data available.

| Hazardous Component(s) | LD50s and LC50s | Immediate and Delayed Health Effects |
|-------------------------|-----------------|--------------------------------------|
| Bisphenol A Epoxy Resin | 200 ppm | Irritant |
| Aminoethylpiperazine | 150 ppm | Irritant, skin sensitization |
| Nonyl Phenol | 150 ppm | Irritant, skin sensitization |

| Hazardous Component(s) | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen (Specifically Regulated) |
|-------------------------|----------------|-----------------|---|
| Bisphenol A Epoxy Resin | No | No | No |
| Aminoethylpiperazine | No | No | No |
| Nonyl Phenol | No | No | No |

12. ECOLOGICAL INFORMATION

Ecological information: May cause long-term adverse effects in the aquatic environment. Moderate bioaccumulation potential. Not readily biodegradable.

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Follow all local, state, federal and provincial regulations for disposal. May be disposed by supervised incineration at very high temperatures.

Hazardous waste number: May be subject to RCRA regulations (40 CFR 261).

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: Environmentally hazardous substance Liq n.o.s.
Hazard class or division: 9
Identification number: 3082
Packing group: III

International Air Transportation (ICAO/IATA)

Proper shipping name: Environmentally hazardous substance Liq. n.o.s.
Hazard class or division: 9
Identification number: UN 3082
Packing group: III

Exceptions:

Primary packs containing less than 500ml are unregulated by these modes of transport and may be shipped unrestricted. Marine pollutant mark is not required in sizes <5 L.

Water Transportation (IMO/IMDG)

Proper shipping name: Environ. Hazardous
Substance, Liq, n.o.s.
Hazard class or division: 9
Identification number: 3082
Packing group: III
Marine pollutant: Yes

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, Delayed Health
CERCLA/SARA Section 313: None above reporting de minimis.
ODS This product does not contain nor is it manufactured with ozone depleting substances.
California Proposition 65: No California Proposition 65 listed chemicals are known to be present.

Canada Regulatory Information

CEPA DSL/NDSL Status: Contains one or more components listed on the Non-Domestic Substances List. All other components are listed on or are exempt from listing on the Domestic Substances List. Components listed on the NDSL must be tracked by all Canadian Importers of Record as required by Environment Canada. They may be imported into Canada in limited quantities. Please contact Regulatory Affairs for additional details.

16. OTHER INFORMATION

REACH & RoHS2.0 Compliant

Schedule B HS #3506990000

Ingredients are not currently designated as hazardous substances under current OSHA guidelines.

DISCLAIMER: The data contained herein are furnished for information only and are believed to be reliable. However, BSI does not assume responsibility for any results obtained by persons over whose methods BSI has no control. It is the user's responsibility to determine the suitability of BSI's products or any production methods mentioned herein for a particular purpose, and to adopt such precautions as may be advisable for the protection of property and persons against any hazards that may be involved in the handling and use of any BSI's products. In light of the foregoing, BSI specifically disclaims all warranties, express or implied, including warranties of merchantability and fitness for a particular purpose, arising from sale or use of BSI's products. BSI further disclaims any liability for consequential or incidental damages of any kind, including lost profits.