



Safety Data Sheet

Flexible Cement II – Part B

Version: 2.0

Revision Date: 05/26/2015

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1. PRODUCT AND COMPANY IDENTIFICATION

Product Name : Flexible Cement II – Part B
 Recommended use : Part of polymer concrete repair system
 Company : Roadware Incorporated
 Address : 381 Bridgepoint Way
 South Saint Paul, MN 55075
 Phone : 651-457-6122
 Emergency Telephone Numbers : Chem-Tel: 800-255-3924
 Restrictions on use : For professional or industrial use only

2. HAZARDS IDENTIFICATION

GHS Classification

None

Hazard Statements

None

Precautionary statements:

None

Response statements:

| |
|------|
| None |
|------|

Section 3. Composition / Information on Ingredients

This product is a mixture.

Hazardous Components

| CAS Number | Chemical Name | Concentration |
|------------|---------------|---------------|
| None | | |

Specific chemical identities and exact percentages may have been withheld as a trade secret or CBI in compliance with 29 CFR 1910.1200 (j).

4. First Aid Measures

| | |
|-----------------------------|---|
| General Advice | Take proper precautions to ensure your own health and safety before attempting rescue or administering first aid. Wear protective gloves. See section 8 for recommendations. |
| Skin Contact | After contact with skin, wash with plenty of soap and water. If irritation or rash develops, seek medical advice. |
| Eye Contact | Immediately flush eye(s) with plenty of water. Remove contact lenses. If eye irritation persists get medical advise/attention. |
| Inhalation | If inhaled, move affected persons to fresh air. If not breathing, give artificial respiration. Get medical attention immediately. Treatment is symptomatic for primary irritation. If breathing is labored, qualified personnel should administer oxygen. |
| Ingestion | If swallowed, Wash out mouth with water. Drink 1-2 glasses of water but DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Seek medical attention if feeling unwell. |
| Most important symptoms and | No relevant information |



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effects (acute and delayed)

Notes to Physician Symptomatic and supportive therapy as needed.

5. Firefighting Measures

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| Suitable Extinguishing Media | Dry chemical, Carbon Dioxide (CO ₂), alcohol resistant foam, water fog. |
| Not Suitable Extinguishing Media | Avoid high volume water jet, may spread fire. |
| Special exposure hazards | In a fire or if heated, a pressure increase will occur and the container may burst. Produces oxides of carbon and nitrogen. Combustion products may be toxic and/or irritating. Avoid smoke. |
| Special protective equipment for fire-fighters | Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. PVC boots, gloves, safety helmet and protective clothing should be worn. |
| Special remarks on explosion hazards | None |

6. Accidental Release Measures

| | |
|---------------------------|---|
| Personal protection | Immediately contact emergency personnel. Isolate the area. Keep upwind avoiding inhalation of vapors. Clean up should only be performed by trained personnel. People dealing with major spillages should wear full protective clothing including respiratory protection. Use suitable protective equipment (see section 8). |
| Environmental precautions | Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. |
| Methods for cleaning up | Contain and adsorb large spillages onto an inert, non-flammable adsorbent carrier (such as earth, vermiculite or sand). Shovel into open-top drums or plastic bags for further decontamination if necessary. Dispose of in accordance with federal, state and local regulations |

7. Handling and Storage

| | |
|--------------------------|--|
| Handling | Put on appropriate personal protective equipment (see section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material. Keep tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container. |
| Storage | Keep container in a cool, well-ventilated area. Keep container tightly closed. |
| Safe storage temperature | 60 - 100° F |

8. Exposure Controls / Personal Protection

Exposure Limits

| CAS Number | Component | Value type | Limit / Standard | Notes | Source |
|------------|-----------|------------|------------------|-------|--------|
| None | None | None | None | None | None |

| | |
|----------------------|--|
| Preventive Measures | Conditions of use, adequacy of engineering or other control measures and actual exposures will dictate the need for specific protective devices at your workplace. |
| Engineering Controls | Maintain adequate ventilation when using. Use local exhaust to when necessary. |
| Personal Protection | |



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| Eyes | Chemical safety goggles. If there is a potential for splashing, use a full face shield. |
| Skin | Protective clothing should be selected and used in accordance with 'Guidelines for the Selection of Chemical Protective Clothing' published by ACGIH. |
| Respiratory | Maintain adequate ventilation. |
| Hands | Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products. Nitrile rubber has shown good results. Thin latex or vinyl disposable gloves should be avoided. Consult with producers of protective gloves for suitability. |
| Other Protection | None required |

9. Physical and Chemical Properties

| General Information | |
|---------------------------|---|
| Physical state | Liquid |
| Color | White |
| Odor | Not determined |
| Odor Threshold | Not available |
| pH | Not available |
| Boiling point | Not available |
| Melting point | Not available |
| Flash point | > 199 °F PMCC |
| Explosive properties | Non-explosive in the presence of the following materials or conditions: Open flames, sparks, static discharge, shocks and mechanical impacts. |
| Auto-ignition temperature | Not self igniting |
| Evaporation Rate | Not available |
| Relative density | 1.05 |
| Solubility | No data available |
| Partition Coefficient | No data available |
| Decomposition temperature | No data available |
| Vapor pressure | Not available |
| Vapor density | Not Available |
| Viscosity | 2000 cps |
| VOC content | 0.0% |

10. Stability and Reactivity

| | |
|---|---|
| Stability and reactivity | Stable at room temperature. |
| Conditions of instability | Avoid high temperatures. |
| Incompatibility with various substances | Strong oxidizing agents, acids, bases and unintended isocyanates . |
| Hazardous polymerization | Polymerization may occur with incompatible reactants, especially strong oxidizers. |
| Hazardous decomposition products | Combustion products may include: carbon oxides (CO, CO ₂), nitrogen oxides (NO, NO ₂ ...), hydrocarbons and other undetermined components. |

11. Toxicological Information

| | |
|--------------------------------------|--|
| Likely routes of exposure: | Skin contact, inhalation, eye contact |
| Acute Toxicity | <i>Inhalation:</i> Minimally toxic. <i>Oral:</i> Minimally toxic. May cause gastro-intestinal pain, nausea, and vomiting. <i>Dermal:</i> Minimally toxic. May cause dryness leading to itching and dermatitis. |
| Skin Corrosion Skin Irritation | Causes skin irritation, redness, dryness or roughness. Not considered a skin corrosive |
| Eye Damage Eye Irritation | Irritating to eyes. Not expected to cause serious eye damage |
| Respiratory or Skin sensitization | Not expected to be a skin or respiratory sensitizer. |



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| Carcinogenicity | Not considered a human carcinogen as defined by the IARC, NTP, OSHA. |
| Germ Cell Mutagenicity | Negative |
| Reproductive toxicity | No reproductive effects. No teratogenic effects on fetal development. |
| Target Organ Systematic Toxicity – Single Exposure | Not expected to cause organ damage from exposure |
| Target Organ Systematic Toxicity – Repeated Exposure | Not expected to cause organ damage from prolonged or repeated exposure. |
| Aspiration Toxicity | Not considered to be an aspiration hazard. |

12. Ecological Information

No product specific ecological information is available. Data obtained on components are summarized below.

| Component | |
|-------------------------------|-------------------|
| Persistence and degradability | No data available |
| Mobility | No data available |
| Bioaccumulation | No data available |
| Ecotoxicity effects | No data available |
| Aquatic toxicity | No data available |

13. Disposal Considerations

| | |
|----------------|--|
| Waste disposal | The generation of waste should be avoided or minimized wherever possible. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-product should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Contaminated containers should be emptied. Do not reuse containers. Do not burn or use a cutting torch on empty containers. |
| U.S. EPA RCRA | EPA resource recovery act (RCRA) composite list of hazardous wastes and Appendix VIII Hazardous constituents (40 CFR 261): Under RCRA, it is the responsibility of the person who generates a solid waste to determine if that waste is a hazardous waste as defined by 40 CFR 261.2. |

14. Transportation Information

| Regulatory Information | UN Number | Proper Shipping Name | Class | PG* | Label | Additional information |
|------------------------|---------------|----------------------|-------|-----|-------|------------------------|
| DOT Classification | Not regulated | | | | | |
| TDG Classification | Not regulated | | | | | |
| IMDG Class | Not regulated | | | | | |
| IATA-DGR Class | Not regulated | | | | | |

15. Regulatory Information

| United States Federal Regulations | |
|--|--|
| U.S. Toxic Substances Control Act (TSCA 8b) | All components are listed or exempted. |
| CERCLA – reportable quantity, calculated | Does not contain any components subject to reporting |
| SARA 304 Extremely Hazardous Substances RQ | Does not contain any components subject to reporting |
| SARA 311 / 312 | Does not contain any listed components |
| EPA Community Right To Know Act (EPCRA) SARA Title III Section 313, components requiring notification. | Does not contain any components subject to reporting |
| Clean Air Act, Components listed as HAP | Does not contain any components subject to reporting |
| Clean Water Act, Section 311, Table 116.4A | Does not contain any components subject to reporting |
| Clean Water Act, Section 311, Table 117.3 | Does not contain any components subject to reporting |



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| Clean Water Act, Section 307 | Does not contain any components subject to reporting |
| California Prop 65 | Does not contain any listed components |
| DRC Conflict materials | Based upon information from our suppliers this product is "DRC Conflict Free" as defined by the SEC Conflict Minerals Final Rule. |

| | |
|-----------------------------|--|
| Canadian Regulations | |
| WHMIS (Canada) | Does not contain any listed components |
| CEPA (DSL) | Canada inventory: All components are listed or exempted. |

16. Other Information

While the information and recommendations in this publication are to the best of our knowledge, information and belief accurate at the date of publication, *NOTHING HEREIN IS TO BE CONSTRUED AS A WARRANTY, EXPRESS OR OTHERWISE.*

IN ALL CASES, IT IS THE RESPONSIBILITY OF THE USER TO DETERMINE THE APPLICABILITY OF SUCH INFORMATION AND RECOMMENDATIONS AND THE SUITABILITY OF ANY PRODUCT FOR ITS OWN PARTICULAR PURPOSE.

THE PRODUCT MAY PRESENT HAZARDS AND SHOULD BE USED WITH CAUTION. WHILE CERTAIN HAZARDS ARE DESCRIBED IN THIS PUBLICATION, NO GUARANTEE IS MADE THAT THESE ARE THE ONLY HAZARDS THAT EXIST.

Disclaimer:

The data set forth in this sheet is based on information provided by the suppliers of raw materials and chemicals used in the manufacture of the aforementioned product. Roadware Incorporated makes no warranty with respect to the accuracy of the information provided by their suppliers, and disclaims all liability of reliance thereof.