

SAFETY DATA SHEET

acc. to OSHA HCS

Printing Date 04/01/2023

Revision Date 04/01/2023

1. Identification

- **Product Identifier**

- **Trade Name: Wooster Products Stair Saver Epoxy Kit, Epoxy Part B**

- **Article number:** 2011

- **Relevant identified uses of the substance or mixture:** Anti-slip aggregate component, Epoxy Part B

Description: Wooster Products Stair Saver Epoxy Kit is designed for repair and refurbishment of embedded stair treads.

- **Details of the supplier of the safety data sheet**

- **Manufacturer/Supplier:**

Wooster Products, Inc.
1000 Spruce Street
Wooster, OH 44691
Phone Number: 1-800-321-4936/330-264-2844

- **Information department:** sales@wooster-products.com

- **Contact for the safety data sheet:** Matt Gray

- **Emergency telephone number: Chem-Trec: 1-800-424-9300**

2. Hazards identification

Classification of the substance or mixture



GHS05 Corrosion

Skin Corr. 1A H314 Causes severe skin burns and eye damage



GHS07

Acute Tox. 4 H302 Harmful if swallowed

Label elements

- **GHS label elements:** The product is classified and labeled according to the Globally Harmonized System (GHS).

- **Hazard pictograms**



GHS05 GHS07

- **Signal word** Danger

- **Hazard statements**

Harmful if swallowed.

Causes severe skin burns and eye damage.

- **Precautionary statements**

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read label before use.

Do not breathe dusts or mists.

Wear protective gloves/protective clothing/eye protection/face protection.

Wash thoroughly after handling.

Do not eat, drink or smoke when using this product.

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IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 Immediately call a POISON CENTER or doctor/physician.
 Store locked up.
 Dispose of contents/container in accordance with local/regional/federal regulations.

- **Classification system:**
- **NFPA rating (scale 0 - 4)**
 Health = 3
 Fire = 1
 Reactivity = 1
- **HMIS scale**
 Health = *3
 Fire = 1
 Physical hazards = 1
- **Other hazards**
- **PBT/vPvB: not applicable**

3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description: Mixture**

- **Dangerous components:**

	polyamine mixture	50 - 100%
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There are no additional ingredients present which, within the current knowledge of the suppliers and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

4. First-aid measures

- **Description of first aid measures**
- **General information:** Immediately remove any clothing soiled by the product.
- **After inhalation:**
 Supply fresh air or oxygen; call for doctor.
 In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for 20 minutes under running water. Call a doctor immediately.
- **After swallowing:**
 Rinse out with water. Drink 1-2 glasses of water but DO NOT induce vomiting. Do not give liquids to a drowsy, convulsing or unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

 Immediately call a doctor.
- **Most important symptoms and effects, both acute and delayed.** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
 No further relevant information available.

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5. Fire-fighting measures

Suitable extinguishing media:

Water fog. Foam. Dry chemical powder. Carbon dioxide(CO2).

Unsuitable extinguishing media:

Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical:

Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters:

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire-fighting equipment/instructions:

In case of fire and/or explosion do not breathe fumes. Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk.

Specific methods:

Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. In the event of fire and/or explosion do not breathe fumes.

General fire hazards:

Flammable liquid and vapor.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up:

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Take precautionary measures against static discharge. Use only non-sparking tools. Keep combustibles (wood, paper, oil, etc.) away from spilled material.

Large Spills:

Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.

Small Spills:

Wipe up with absorbent material (e.g., cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. **Environmental precautions:**

Avoid discharge into drains, water courses or onto the ground.

Reference to other sections:

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

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7. Handling and storage

Precautions for safe handling: Vapors may form explosive mixtures with air. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Do not smoke. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Wash contaminated clothing before reuse.

Conditions for safe storage including any incompatibilities: Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in original tightly closed container. Store in a cool, dry place out of direct sunlight. Store in a well-ventilated place. Refrigeration recommended. Store away from incompatible materials (see Section 10 of the SDS). Keep in an area equipped with sprinklers.

8. Exposure controls/personal protection

. **Additional information about design of technical systems:** No further data; see item 7.

. **Control parameters**

. **Components with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

. **Additional information:** The lists that were valid during the creation were used as basis.

. **Exposure controls**

. **Personal protective equipment (see listing below)**

. **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

. **Breathing equipment:**

Use approved respiratory protection equipment when airborne exposure is excessive. Consult the respirator manufacturer to determine the appropriate type of equipment. Observe respirator use limitations specified by the manufacturer.

. **Protection of hands:**



Protective gloves

The gloves material has to be impermeable and resistant to the product/ the substance/ the preparation.

Material of gloves.

Nitrile rubber, NBR.

Chloroprene rubber, CR.

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

. **Penetration time of glove material:**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

. **Eye protection:**



Tightly sealed goggles.

Face shield over protective glasses or goggles.

. **Body protection:**

Emergency showers and eye wash stations should be available.

Protective work clothing.

Apron.

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9. Physical and chemical properties	
<ul style="list-style-type: none"> • Appearance <li style="padding-left: 20px;">Form: Liquid <li style="padding-left: 20px;">Color: Amber • Odor: Pungent • Odor threshold: Not available 	
• pH-value:	Not available
<ul style="list-style-type: none"> • Melting point/freezing point: Not available • Boiling point: >200.0 °C (>392 °F) 	
• Flash point:	185 °C (365 °F)
• Evaporation rate:	Not available
<ul style="list-style-type: none"> • Flammability (solid, gas) limits: Not available • Lower and upper flammability limits: Not available • Lower and upper explosive limits: Not available • Vapor density: > 1 (air = 1) • Viscosity: Not available • Solubility: Insoluble (in water) • Partition coefficient (n-octanol/water): Not available 	
• Auto ignition temperature:	not known
<ul style="list-style-type: none"> • Decomposition temperature: Not available • Density: 8.3 lbs./gal • Specific gravity: 0.97 	

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10. Stability and reactivity

. Reactivity:

Product is stable and non-reactive under normal conditions of use, storage and handling.

. Chemical stability:

Product is stable under normal conditions.

. Possibility of hazardous reactions:

Hazardous polymerization does not occur.

. Conditions to avoid:

Avoid heat, sparks, open flames and other ignitions sources. Avoid temperatures exceeding the flash point. Avoid contact with incompatible materials.

. Incompatible materials:

Lewis or mineral acids, Organic bases such as primary and secondary aliphatic amines, Ketones, Aldehydes, oxidizing agents. A reaction accompanied by large heat release occur when the product is mixed with acids.

. Hazardous decomposition products:

No hazardous decomposition products are known.

11. Toxicological information

. Information on likely routes of exposure

. Ingestion: Expected to be a low ingestion hazard.

. Inhalation: Prolonged inhalation may be harmful.

. Skin contact: May be harmful in contact with skin.

. Eye contact: Direct contact with eyes may cause temporary irritation.

. Symptoms related to the physical, chemical and toxicological characteristics: Direct contact with eyes may cause temporary irritation.

. Information on toxicological effects

. Acute toxicity: May be harmful in contact with skin. Expected to be a low hazard for usual industrial or commercial handling by trained personnel.

. Skin corrosion/irritation: Prolonged skin contact may cause temporary irritation.

. Serious eye damage/eye irritation: Direct contact with eyes may cause temporary irritation.

. Respiratory or skin sensitization

. Respiratory sensitization: Not available.

. Skin sensitization: This product is not expected to cause skin sensitization.

. Germ cell mutagenicity: No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

. Carcinogenicity

IARC Monographs. Overall Evaluation of Carcinogenicity

Not listed.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

US. National Toxicology Program (NTP) Report on Carcinogens

Not listed.

. Reproductive toxicity: This product is not expected to cause reproductive or developmental effects.

. Specific target organ toxicity - single exposure: Not classified

. Specific target organ toxicity - repeated exposure: Not classified

. Aspiration hazard: Not available.

. Chronic effects: Prolonged inhalation may be harmful.

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12 Ecological Information

Ecotoxicity: The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Persistence and degradability: No data is available on the degradability of this product.

Bioaccumulative potential: No data available.

Mobility in soil: No data available.

Other adverse effects: No other adverse environmental effects (e.g., ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Disposal instructions: Collect and reclaim or dispose in sealed containers at licensed waste disposal site. This material and its container must be disposed of as hazardous waste. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

Local disposal regulations: Dispose in accordance with all applicable regulations.

Hazardous waste code: The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Waste from residues / unused products: Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging: Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport information

. DOT (US Ground)

. Class

1 liters or less may be classified as LTD QTY.

Larger containers are regulated as:

UN 1760, CORROSIVE LIQUID, N.O.S. (Polyamine mixture), 8, II,

. UN "Model Regulation"

UN1760, CORROSIVE LIQUID, N.O.S. (Polyamine mixture), 8, II

UN / NA Number: UN 2735

PACKING GROUP: PG II

DOT PRODUCT RQ, Lb. None

HAZARD LABEL(S): 8 Corrosive

HAZARD PLACARD(S): Corrosive

. **Special precautions for user:** Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transportation (sea, air, etc.) does not indicate that the product is packaged suitably for that mode of transportation. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and all actions in case of emergency situations.

. **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code:** This product is not intended to be transported in bulk.

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15. Regulatory information

. Safety, health and environmental regulations specific for the substance or mixture

. Sara

. Section 355 (extremely hazardous substances): None of the ingredients is listed.

. Section 313 (Specific toxic chemical listings): None of the ingredients is listed.

. TSCA (Toxic Substances Control Act): All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements.

. Proposition 65

. Chemicals known to cause cancer: None of the ingredients is listed.

. Chemicals known to cause reproductive toxicity: None of the ingredients is listed.

.(DSL) Canada Domestic Substance List

All components of this product are on the DSL (Canada Domestic Substance List) or are exempt from DSL requirements.

Carcinogenicity categories

. EPA (Environmental Protection Agency)

None of the ingredients is listed.

. TLV (Threshold limit value established by ACGIH)

None of the ingredients is listed.

. MAK (German Maximum Workplace Concentration)

None of the ingredients is listed.

. NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

. OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

. National regulations:

. Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.

. Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

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16. Other information

. Hazardous Materials Information System (HMIS):

Health	3
Flammability	1
Physical Hazards	0

. NFPA Rating:

Health	3
Flammability	1
Instability	0

Caution: HMIS® ratings are based on a 0-4 scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). The customer is responsible for determining the PPE code for this material.

Although the information and recommendations contained in this SDS are presented in good faith and are believed to be correct as the date of this SDS, Wooster Products makes no representations as to the completeness or accuracy thereof. Final determination of suitability of any material is the sole responsibility of the user. In no event will Wooster Products or any affiliate thereof be responsible for damages of any nature whatsoever resulting from the use or reliance on the information set forth in the SDS.