

SAFETY DATA SHEET

acc. to OSHA HCS

Printing Date 01/28/2022

Revision Date 01/28/2022

1 Identification

- **Product Identifier**
- **Trade Name: Supergrit Repair Kit Mixture (Dry)**
- **Article number:** 2048
- **Relevant identified uses of the substance or mixture.** Non-skid floor coating
Description: Mixture of cement and abrasive grit, dry mix
- **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**
- The product is classified and labeled according to the Globally Harmonized System (GHS).
This product is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
- **Hazard pictograms: GHS05 Signal Word: Corrosive, GHS07 Signal Word: Warning, GHS08 Signal Word: Danger.**
- **Hazard-determining components of labeling: Portland cement, quartz.**
- **2.1 Classification of the substance or mixture:**
STOT RE 1; Carcinogen – Category 1A
Skin Corrosion – Category 1
Serious Eye Damage/Eye Irritation – Category 1
Skin Sensitization – Category 1
Carcinogenicity/Inhalation – Category 1
Specific Target Organ Toxicity Repeat Exposure – Category 1
Specific Target Organ Toxicity Single Exposure – Category 3
- **2.2a Signal Word: DANGER!**
- **2.2b Hazard Statements**
May cause cancer through chronic inhalation.
Causes severe skin burns and serious eye damage.
May cause an allergic skin reaction.
Causes damage to lungs through prolonged or repeated inhalation.
- **2.2c Pictograms**



GHS05



GHS07



GHS08

- **Precautionary statements**
Do not handle until all safety precautions have been read and understood.
Wear impervious gloves, such as nitrile. Wear eye protection, and protective clothing.
Do not eat, drink or smoke when using this product. Wash thoroughly after handling.
Use only in well-ventilated area. Do not breathe dust.
If swallowed: Rinse mouth. Do not induce vomiting.
If inhaled: Remove person to fresh air and keep comfortable for breathing.

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If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If on skin (or hair): Remove immediately all contaminated clothing and wash before re-use. Rinse skin or hair with water.

If significant skin irritation or rash occurs: get medical advice or attention.

Immediately seek medical advice or attention if symptoms are significant or persist.

Store in well-ventilated area. Keep container tightly closed. Dispose of contents/containers in accordance with all regulations.

2.3 Additional Information

The Portland cement in this product can cause serious, potentially irreversible damage to skin, eye, respiratory and digestive tracks due to chemical (caustic) burns, including third degree burns. Burns from Portland cement may not cause immediate pain or discomfort. You cannot rely on pain to alert you to cement burns. Portland cement can cause dermatitis or sensitization. Therefore precautions must be taken to prevent all contact with Portland cement. Cement burns can become worse even after contact has ended. If there is contact with this product, immediately remove all product from body and thoroughly rinse with water. If you experience or suspect a cement burn or inflammation you should immediately see a health care professional.

Skin burns and irritation may be caused by brief exposure, though often are caused by extended exposure of 15 minutes, an hour or longer.

Interaction of Portland cement with water or sweat releases a caustic solution which produces the burns or irritation. Any extended exposure should be treated as though burn has occurred until determined otherwise.

Skin contact with Portland cement may also cause inflammation of the skin, referred to as dermatitis. The Portland cement in this product may cause allergic contact dermatitis in sensitized individuals. Sensitization may result from single exposure of Cr(VI) or repeated exposures over months or years. Sensitization is uncommon. Individuals who experience skin problems including seemingly minor ones are advised to seek medical attention.

2.3a HNOC – Hazards not otherwise classified: Not applicable.

2.3b Unknown Acute Toxicity: None.

2.3c WHMIS Classification

Class D2B – Skin/Eye Irritant

Class D2A – Chronic Toxic Effects - Carcinogen

Class E – Corrosive Material

2.3d Label Elements According to WHMIS

Hazard Symbols



Signal Word: DANGER!

· **Classification system:**

· **NFPA rating (scale 0 - 4)**

Health = 1

Flammability = 0

Reactivity = 0

3 Composition/information on ingredients

· **Chemical characterization:** Mixtures

· **Description:** Dry Mixture, cement mixture

Hazardous components:	CAS #	Weight %
Portland Cement	65997-15-1	< 40 %
Quartz	14808-60-7	< 35 %
Other components:	CAS #	Weight %
Aluminum Oxide	1344-28-1	< 30 %
Pigments		

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4 First-aid measures

· After Inhalation:

Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing and seek medical help immediately. In case of unconsciousness place patient stably in side position for transportation.

· After Skin Contact:

Immediately remove contaminated clothing or shoes, wipe excess from skin and flush with plenty of cool water, pH neutral soap or detergent. If significant skin irritation occurs get medical advice or attention.

· After Eye Contact:

Immediately flush eyes with plenty of water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

· After Ingestion:

Do not induce vomiting. If conscious, have the victim drink plenty of water and call a physician immediately. Never give anything by mouth to an unconscious person.

See 2.3, Additional Information.

5 Fire-fighting measures

· Flammability of the product: Non-flammable and non-combustible.

· Suitable extinguishing agents: Treat for surrounding material.

· Special hazards arising from the substance or mixture: None.

· Products of combustion: None.

· Explosion hazards in presence of various substances: Non-explosive in presence of shocks.

6 Accidental release measures

· Personal precautions protective equipment and emergency procedures:

Wear personal protective equipment. Keep unprotected persons away.

Ensure adequate ventilation.

· Environmental precautions: Do not allow to enter sewers/ surface or ground water.

· Methods and material for containment and cleaning up:

Dispose of contaminated material as waste in accordance with federal, state and local regulations.

See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment.

See Section 13 for disposal information

7 Handling and storage

· Handling:

Handle in accordance with good industrial hygiene and safety practices. Ensure good ventilation/exhaustion at the workplace. DO NOT BREATHE DUST. In dusty environments, the use of OSHA, MSHA or NIOSH approved respirator and tight fitting goggles are recommended. Wear appropriate PPE (Section 8). Do not mix with other chemical products except indicated by the manufacturer. Do not get in eyes, on skin or clothing. Good housekeeping is important to prevent accumulation of dust.

· Further information about storage conditions:

Keep out of reach of children. Keep containers tightly closed when not in use and prevent exposure to humidity. Do not allow water to contact the product until time of use to preserve product utility.

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8 Exposure controls/personal protection

- **Exposure controls**

Use ventilation adequate to keep exposures below recommended exposure limits.

- **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.

- **Respiratory protection:**

A NIOSH approved dust mask or filtering face piece is recommended in poorly ventilated areas or when permissible exposure limits may be exceeded. Respirators should be selected by and used under the direction of a trained health and safety professional, following requirements found in OSHA's respirator standards (29 CFR 1910.134) and ANSI's standards for respiratory protection (Z88.2).

- **Protection of hands:**

Wear gloves of adequate length to offer appropriate skin protection from splashes. Nitrile, Butyl and PVC gloves have been found to offer adequate protection for incidental contact. 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. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

You cannot rely on pain to alert you to cement burns. Portland cement can cause dermatitis and sensitization.

- **Eye protection:**

Wear approved eye protection (properly fitted dust or splash proof chemical safety glasses).

- **Body protection:** Protective work clothing.

- **TLV (Threshold limit value established by ACGIH)**

Portland Cement	10 mg/m ³ Respiratory Dust (TWA) → This limit applies to airborne, unbound particles of respirable size.
Quartz/Crystalline Silica	0.025 mg/m ³ Respirable Fraction (TWA) → This applies to airborne, unbound particles of respirable size.
Fused Aluminum Oxide	5 mg/m ³ Respiratory Dust (TWA) → This limit applies to airborne, unbound particles of respirable size.

9 Physical and chemical properties

- **Information on basic physical and chemical properties**

- **Appearance**

Form:

Granular solid

Color:

Various, product specific

- **Odor:**

None

- **pH-value at 20 °C:**

13 (10%)

- **Flash point:**

Not applicable

- **Boiling point:**

Not applicable

- **Solubility in/miscibility with water:**

Insoluble

- **VOC content:**

0 g/L VOC

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10 Stability and reactivity

- . **Chemical stability:** Product is stable under normal conditions of storage and handling.
- . **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- . **Possibility of hazardous reactions:** Not reactive, as supplied.
- . **Conditions to avoid:** Exposures to high temperatures.
- . **Incompatible materials:** Reacts with oxidizing agents.
- . **Materials to avoid:** Lewis or mineral acids, organic bases such as primary and secondary aliphatic amines, oxidizing agents, curing agents- Considerable heat may be generated.
- . **Hazardous decomposition products:** By heat and fire: carbon monoxide and carbon dioxide, aldehydes and other organic substances may be formed.
- . **Hazardous polymerization:** Hazardous polymerization will not occur under normal storage conditions. However, polymerization may occur over 500 °F.

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Trade Name: Supergrit/Spectra Repair Kit Epoxy Based Part A (for all colors)

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11 Toxicological information

. Chronic Studies:

Recent 2 year bioassays in mice exposed by the dermal route to the diglycidyl ether of bisphenol A have yielded very limited evidence of weak carcinogenicity. The renal tumor evidence "was of no biological significance" and that the resin is not a systemic carcinogen when applied to the dorsal skin of CF1 mice". Based on this, the International Agency for Research on Cancer (IARC) concluded that DGEBPA was not classifiable as carcinogen (IARC Group 3) based on the following: Human and Animal Evidence – Inadequate.

DGEBPA have proved to be inactive when tested by in vivo mutagenicity assays. They have shown activity in vitro microbial mutagenicity screening tests and have produced chromosomal aberrations in cultured rat liver cells. The significance of this information to humans is unknown.

. Carcinogenic categories

. IARC (International Agency for Research on Cancer)

None of the ingredients listed

. NTP (National Toxicology Program)

None of the ingredients listed

12 Ecological information

. Toxicity

. Aquatic toxicity: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

. Persistence and degradability: No further relevant information available.

. Behavior in environmental systems:

. Bioaccumulative potential: No further relevant information available.

. Mobility in soil: No further relevant information available.

. Ecotoxicological effects:

. Remark: Toxic for fish.

. Additional ecological information :

. General notes: At present there is no ecotoxicological assessment.

. Results of PBT and vPvB assessment

. PBT: Not applicable.

. VpVb: Not applicable.

. Other adverse effects: No further relevant information available.

13 Disposal considerations

. Waste treatment methods

. Recommendation: Waste must be disposed of in accordance with federal, state, and local environmental control regulations. Incineration is the preferred method.

. Uncleaned packagings:

. Recommendation: Empty containers must be handled with care due to product residue. Disposal must be made according to official regulations. Do not heat or empty containers with electric or gas torch.

. Controlled incineration or bury in legal landfill.

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Trade Name: Supergrit/Spectra Repair Kit Epoxy Based Part A (for all colors)

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14 Transport information

. US Ground (DOT)	Not regulated
. Proper Shipping Name: Plastic liquid, Nos. (Not regulated by DOT)	
. Hazard Class or Division: None (Non Hazardous by DOT Regulation)	
. Packing Group: PG III	
. Hazard Label(s): None	
. Hazard Placard(s): None	
. UN "model Regulation" ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Epoxy resin), 9, III	UN3082

15 Regulatory information

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

. SARA TITLE III
. Section 355 (extremely hazardous substances):

None of the ingredients is listed.

. SARA TITLE III
. Section 311/312 Hazard Categories:
Immediate (acute) health hazard. None of the ingredients is listed.

. SARA TITLE III
. 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: This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm: Epichlorohydrin

. RCRA: Under RCRA it is the responsibility of the product user to determine at the time of disposal whether a material containing the product or derived from the product should be classified as a hazardous waste. (40CFR 261.20-24)

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Trade Name: Supergrit/Spectra Repair Kit Epoxy Based Part A (for all colors)

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. Chemicals known to cause reproductive toxicity:
Epichlorohydrin

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

. Carcinogenicity categories

. EPA (Environmental Protection Agency)

None of the ingredients listed

. National regulations:

- . **Water hazard class:** Water hazard class 2 (Self-assessment): hazardous for water.
- . **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.
- . **Classification system:**
- . **NFPA rating (scale 0 - 4)**
Health = 1
Flammability = 0
Reactivity = 0

16 Other information

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.

. Abbreviations and acronyms:

DOT: US Department of Transportation.
NFPA: National Fire Protection Association (USA).
HMIS: Hazardous Materials Identification Systems.