



# SAFETY DATA SHEET

## GHS HCS-2012 §1910.1200

### STABILIZED PATHWAY MIX

Issue Date: March 13<sup>th</sup> 2025 (First Issue)

SECTION 1	PRODUCT AND COMPANY IDENTIFICATION
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#### PRODUCT

**Product Name:** **Stabilized Pathway Mix**  
**Product Description:** Binded Stone Chippings  
**Product Code(s):** See Appendix A for-product range  
**Intended Use:** Stabilized pathways and other aggregate surfaces

#### COMPANY IDENTIFICATION

**Supplier:** **Kafka Granite LLC**  
 550 East Highway 153  
 Mosinee WI 54455 USA

<b>Transportation Emergency Phone</b>	800-852-7415
<b>Product Technical Information</b>	800-852-7415 www.kafkagranite.com

SECTION 2	HAZARDS IDENTIFICATION
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#### 2.1 Globally Harmonized System (GHS) Hazard Classification:

This SDS meets the requirements of GHS Revision 3, HCS 2012 (29 CFR 1910.1200).

GHS Classification: Carcinogenicity: category 1A  
 Specific Target Organ Toxicity, Repeated Exposure: Category 2  
 Skin Corrosion / Irritation: Category 2  
 Eye Damage / Irritation: Category 2A

#### 2.2 Label Elements including Precautionary Statements:

**Hazard Pictogram:**



**Signal Word:** Danger!

**Hazard Statement:** May cause cancer.

May cause damage to organs (lungs) through prolonged or repeated exposure.  
 Causes skin irritation  
 Causes serious eye irritation

**Prevention:** Wear protective gloves/protective clothing/eye protection/face protection, Obtain special instructions before use. Do not handle until safety precautions have been read and understood. Wash any exposed body parts.

**Response:** If exposed or concerned: Get medical advice/attention. If on skin: Wash with plenty of soap and water. If irritation or rash occurs, get medical advice/attention. If Inhaled or swallowed coughs or other respiratory symptoms will likely develop, Consult

medical personnel. If eye affected remove contact lenses if wearing and if possible, Seek medical assistance.

**Storage:** Restrict or control access to stockpile area (store locked up). Aggregate piles are prone to shifting and are thus deemed as Engulfment Hazards. To prevent burial or suffocation do not enter a confined space such as a silo, bulk truck or other storage container or vessel that contains aggregates without an effective procedure for ensuring safety.

**Disposal:** Dispose of contents/container in accordance with local, regional, national and international regulations.

**2.3 Hazard(s) Not Otherwise Classified (HNOC):** None known or expected.

**2.4 HMIS Rating USA:** Health: 2 Flammability: 0 Reactivity: 0

**2.5 Supplemental information:** Respirable Crystalline Silica (RCS) may cause cancer, Granite is a naturally occurring mineral complex that contains varying quantities of quartz (crystalline silica). In its natural bulk state granite is not a known health hazard. Granite may be subjected to various natural or mechanical forces that produce small particles (dust) which may be respirable crystalline silica (particles less than 10 micrometers in aerodynamic diameter). Repeated inhalation of RCS (quartz) may cause lung cancer according to IARC and NTP. ACGIH states that it is a suspected cause of cancer. Other forms of RCS (e.g, tridymite and cristobalite) may also be present or formed under certain industrial processes.

SECTION 3	COMPOSITION / INFORMATION ON INGREDIENTS	
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Granite	CAS# N/A	>99%
Quartz (crystalline silica)	CAS# 14808-60-7	>1%
Minor components		< 1%

Any concentration shown as a range is to protect confidentiality or is due to process variation. There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section. These materials are mined from the earth. Trace amounts of naturally occurring elements might be detected during chemical analysis of these materials.

Occupational exposure limits, if available, are listed in Section 8

SECTION 4	FIRST AID MEASURES	
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**General Information** If you feel unwell, seek medical advice (show label where possible). Show this safety data sheet to the doctor in attendance.

**4.1 Inhalation:** Dust – Move to fresh air. Dust from throat and nasal passages should clear spontaneously. See a physician if symptoms persist.

**4.2 Ingestion: Dust** – Rinse mouth and drink plenty of water. Do not give anything into the mouth of an unconscious person. See a physician.

**4.3 Skin contact:** Dust – Wash with soap and water. See physician if irritation develops.

**4.4 Eye contact:** Flush eyes for 15 minutes. Immediately seek medical attention.

**4.5 Acute and delayed symptoms/effects:** Dust may irritate eyes, skin and respiratory tract. Inhalation may cause chest discomfort, shortness of breath and coughing. Prolonged inhalation may cause chronic health effects as these products contain crystalline silica which can result in silicosis symptoms of which include, but not limited to shortness of breath, breathing difficulties with or without exertion, coughing, diminished work capacity, diminished chest expansion, reduction of lung volume, right heart enlargement and failure. Also cancer may result.

**4.6 Indication of immediate medical attention and notes for physicians.** Provide general support and treat symptoms which may be delayed so keep victim under observation. Note. pre-existing medical conditions and smoking can impair lungs to clear themselves of dust.

SECTION 5	FIRE FIGHTING MEASURES	
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**5.1 Flammable Properties:**

Flash Point: Not applicable Thermal decomposition: Not applicable. Fire and Explosion Hazard: Not applicable

**5.2 Extinguishing media**

The presence of this material in a fire does not hinder the use of any standard extinguishing medium, Use appropriate extinguishing medium for surrounding fire.

**5.3 Special hazards arising from the chemical:**

Not applicable.

**5.4 Special protective equipment and precautions for firefighters:**

As per 5.2 use whatever protective equipment and precautions required for the surrounding fire.

**Special protective equipment for firefighters** As per 5.2 use whatever special protective equipment required for the surrounding fire.

**SECTION 6****ACCIDENTAL RELEASE MEASURES****6.1 Personal precautions, protective equipment, and emergency procedures:**

Keep unnecessary personnel away. Wear suitable protective equipment.

**6.2 Environmental precautions**

Avoid discharge to sewers or waterways.

**6.3 Methods and material for containment and cleaning up**

Sweep up or shovel for small releases. Larger ones may necessitate heavier industrial machinery. Regular Building Site Personal Protective equipment should be worn.

**6.4 Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information about personal protection equipment.

See Section 13 for disposal information.

**SECTION 7****HANDLING AND STORAGE****7.1 Precautions for safe handling:**

Do not handle until all safety precautions have been read and understood. Observe good industrial hygiene practices and wear appropriate personal protective equipment as identified in Section 8.

**7.2 Conditions for safe storage, including all incompatibilities**

**VENTILATION** General (mechanical) room ventilation is expected to be satisfactory for use at room temperature

**STORAGE** Product stored at ambient temperatures and pressures. Carry out proper safety review of storage areas. The container choice, for example... Store away from incompatible materials

**SECTION 8****EXPOSURE CONTROLS / PERSONAL PROTECTION**

Consult with a Health and Safety Professional for specific selections.

**8.1 Control parameter:** Occupational exposure limits EXPOSURE LIMIT VALUES:

No exposure limits or biological limit values have been established for product.

**Exposure limits (Wax Coating medium)**

ACGIH (United States, 2002) TWA: 2mg/m<sup>3</sup>

NIOSH (United States, 2002) TWA: 2mg/m<sup>3</sup>

**8.2 Personal protective equipment:**

Respiratory protection: None expected to be needed for the product.

Hand protection/protective gloves: Wear oil resistant gloves.

Eye protection: Wear goggles or face visor when loading or processing the product

Body protection: Leather apron or equivalent recommended.

Head protection: Hard hat recommended

Foot protection: Steel toe capped footwear recommended

Thermal hazards: None expected to be needed

Environmental Exposure Controls: None expected to be needed.

**SECTION 9****PHYSICAL AND CHEMICAL PROPERTIES**

**Note: Physical and chemical properties are provided for safety, health and environmental considerations only and may not fully represent product specifications. Contact the Supplier for additional information.**

**Appearance:** Mixture of mainly angular particles varying in size up to 0.25 inches.

**Specific Gravity (H<sub>2</sub>O = 1):** Centered around 2.65

**pH:** Not applicable

**Evaporation Rate (Butyl acetate = 1):** Zero

**Vapor Pressure (mm Hg):** Not applicable

**Vapor Density (Air = 1):** Not applicable  
**% Volatile:** Not applicable  
**Melting / Freezing Point:** Not applicable  
**Boiling Point:** Not applicable  
**Flash point:** Non-combustible  
**Flammability (Solid, Gas):** Not applicable  
**Lower and Upper Explosive Flammable Limits:** Not applicable  
**Autoignition Temperature:** Not applicable

SECTION 10	STABILITY AND REACTIVITY
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- 10.1 Chemical stability:** Stable under normal temperature conditions and recommended use.
- 10.2 Possibility of hazardous reactions:** No hazardous reactions if stored and handled as prescribed.
- 10.3 Conditions to avoid:** Normal handling
- 10.4 Incompatible materials:** Strong oxidizing agents.
- 10.5 Hazardous decomposition products:** Decomposition will not occur as product will not be heated.
- 10.6 Hazardous Polymerization:** Will not polymerize.

SECTION 11	TOXICOLOGICAL INFORMATION
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**11.1 Information on the likely routes of exposure:** Inhalation, ingestion, skin and eye contact.

**Information on toxicological effects Acute and Chronic toxicity:**

Hazard Class	Conclusion / Remarks
<b>Inhalation</b>	
Acute Toxicity:	Not expected to be acutely toxic
Irritation: No end point data for material.	
<b>Ingestion</b>	
Acute Toxicity	Unlikely due to product form. However, accidental ingestion may cause discomfort. Not expected to be acutely toxic
<b>Skin</b>	
Acute Toxicity	Not expected to be acutely toxic
Skin Corrosion/Irritation	Negligible irritation to skin. May cause rash if subject has specific allergy
<b>Eye</b>	
Serious Eye Damage/Irritation	Particulates may cause damage
<b>Sensitization</b>	
Respiratory Sensitization:	Not expected to be a respiratory sensitizer.
Skin Sensitization: available.	Not expected to be a skin sensitizer.
<b>Aspiration:</b> Data available.	Not expected to be an aspiration hazard
<b>Germ Cell Mutagenicity:</b> Data available.	Not expected to be a germ cell mutagen
<b>Germ Cell Mutagenicity:</b> Data available.	Not expected to be a germ cell mutagen
<b>Carcinogenicity:</b> Data available.	Not expected to cause cancer
<b>Reproductive Toxicity:</b> Data available.	Not expected to be a reproductive toxicant.
<b>Lactation:</b> No end point data for material.	Not expected to cause harm to breast-fed children.
<b>Specific Target Organ Toxicity (STOT)</b>	
Single Exposure	Not expected to cause organ damage from a single exposure.
Repeated Exposure: Data available.	Not expected to cause organ damage from prolonged or repeated exposure

**Product Information** Product does not present an acute toxicity hazard based on known or supplied information.

**GHS Classification:**

**Skin corrosion/irritation: Classification:** Not classified as irritant  
**Serious eye damage/irritation** Classification: Not classified as irritant  
**Inhalation:** Classification: Not classified

**Respiratory sensitization: Classification:** Does not cause respiratory sensitization

**Skin sensitization:** Classification: Not classified

**Repeated dose toxicity: Classification:** Not classified

### 11.3 Carcinogenicity: Mutagenicity: Reproductive Toxicity Teratogenicity:

Not classified as a human carcinogen by ACGIH, NTP, or OSHA.

Not known to be a mutagen, teratogen, or reproductive hazard.

**Specific target organ toxicity - single exposure:**

Not classified.

**Specific target organ toxicity - repeated exposure:**

Not classified.

**Aspiration hazard Solid product:**

Not likely, due to the form of the product.

### 11.4 Chronic effects

Not expected to be hazardous by OSHA criteria.

## SECTION 12 ECOLOGICAL INFORMATION

This product is stable in water and can be mechanically separated from water.

**12.1 Mobility:** None mobile in soil and water

**12.2 Aquatic and terrestrial ecotoxicity:** This material is not expected to be toxic to aquatic life.

**12.3 Persistence and degradability:** Not biodegradable

**12.4 Bio accumulative potential:** Not applicable

**12.5 Other adverse effects:** No other relevant information available

## SECTION 13 DISPOSAL CONSIDERATIONS

Not classified as hazardous waste. Disposal in accordance with local regulations. Empty containers or liners may retain some product residues. The material and its container must be disposed of in a safe manner. Do not allow drainage into sewers/water supplies, ponds, waterways or ditches. Comply with local, regional, national and international regulations.

## SECTION 14 TRANSPORT INFORMATION

**14.1 UN number:**

Not regulated.

**14.2 UN proper shipping name:**

Not regulated.

**14.3 Transport hazard class:**

Not regulated.

**14.4 Packing group (if applicable):**

Not regulated.

**14.5 Marine Pollutant (Yes/No):** No

**14.6 Special precaution:**

No information available.

**14.7 DOT placards required:** NONE for solid product;

**Sea-IMDG (International Maritime Dangerous Goods):**

Class not regulated

**Air-ICAO (International Civil Aviation Organization):**

Class not regulated

**LAND (TDG):**

Not Regulated for Land Transport

## SECTION 15 REGULATORY INFORMATION

**OSHA HAZARD COMMUNICATION STANDARD:** This material is not considered hazardous in accordance with OSHA HazCom 2012, 29 CFR 1910.1200

**TSCA:** Components of this product are listed on the TSCA inventory or are exempt.

**SARA 311, 312):** None

**SARA (313) TOXIC RELEASE INVENTORY:** This material contains no chemicals subject to the supplier notification requirements of the SARA 313 Toxic Release Program.

**WHMIS Classification:** Not Rated

**CONEG:** These products are in compliance with the heavy metals' requirements of the Coalition of North Eastern Governors

**CERCLA:** In the event of a spill the end user should verify whether reporting is required under local, state, province or federal regulations.

**Ozone Depleting Substances:** None reportable in compliance with 40 (US) CFR 82

**SECTION 16****OTHER INFORMATION**

**16.1 NFPA and HMIS Hazard Ratings:** We assigned NFPA and HMIS ratings to this product based on the hazards of its ingredient(s). Because the customer is most aware of the application of the product, the customer must ensure that the proper personal protective equipment

**16.2 (PPE)** is provided consistent with information contained in the product SDS. This information is intended solely for the use of individuals trained in the hazard rating system. Key: 0 = least, 1 = slight, 2 = moderate, 3 = high, 4 = extreme

**16.3 NFPA, HMIS®** rating involves data interpretations that may vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this material, all the information contained in this SDS must be considered. This information is supplied solely for the use of individuals trained in the hazard rating system.

**16.4 Notice to Reader:** While the information provided in this safety data sheet is believed to provide a useful summary of the hazards of granite as it is commonly used, the sheet cannot anticipate and provide all the information that might be needed in every situation. Inexperienced product users should obtain proper training before using this product. In particular, the data furnished in this sheet do not address hazards that may be posed by other materials mixed with granite to produce granite products. Users should review other relevant material safety data sheets before working with this granite or working on granite products. **SELLER MAKES NO WARRANTY, EXPRESS OR IMPLIED, CONCERNING THE PRODUCT OR THE MERCHANTABILITY OR FITNESS THEREOF FOR ANY PURPOSE OR CONCERNING THE ACCURACY OF ANY INFORMATION PROVIDED BY**

**Kafka Granite LLC**, except that the product shall conform to contracted specifications. The information provided herein was believed by **Kafka Granite LLC** to be accurate at the time of preparation or prepared from sources believed to be reliable. It is the responsibility of the user to investigate and understand other pertinent sources of information to comply with all laws and procedures applicable to the safe handling and use of the product and to determine the suitability of the product for its intended use. Buyer's exclusive remedy shall be for damages and no claim of any kind, whether as to product delivered or for non-delivery of product, and whether based on contract, breach of warranty, negligence, or otherwise shall be greater in amount than the purchase price of the quantity of product in respect of which damages are claimed. In no event shall Seller be liable for incidental or consequential damages, whether Buyer's claim is based on contract, breach of warranty, negligence or otherwise.

**16.5 Key or legend to abbreviations and acronyms used in the safety data sheet:**

**ACGIH** American Conference of Governmental Industrial Hygienists

**CAS** Chemical Abstract Service

**CERCLA** Comprehensive Emergency Response and Comprehensive Liability Act

**CFR** Code of Federal Regulations

**DOT** Department of Transportation

**GHS** Globally Harmonized System

**IATA** International Air Transport Association

**IARC** International Agency for Research on Cancer

**IBC** International Building Code

**IMDG** International Maritime Dangerous Goods

**MARPOL** Marine Pollution; MARPOL 73/78 is the International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978.

**Mg** Milligrams

**M<sup>3</sup>** Cubic Meter

**MSHA** Mine Safety and Health Administration

**NIOSH** National Institute Of Occupational Safety and Health

**NTP** National Toxicology Program

**OEL** Occupational Exposure Limit

**OSHA** Occupational Safety and Health Administration

**PEL** Permissible Exposure Limit

**ppm** parts per million

**REL** Recommended Exposure Limit

**SARA** Superfund Amendments and Reauthorization Authority

**RTK** Right to Know

**SARA** Superfund Amendments and Reauthorization Act

**SDS** Safety Data Sheet

**TLV** Threshold Limit Value

**TRI** Toxic Release Inventory

**TSCA** Toxic Substance Control Act

**TWA** Time-Weighted Average

**This Safety Data Sheet conforms to US GHS (Revision 3) Hazcom 2012 Revision I.**

## End Of SDS

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The information and recommendations contained herein are, to the best of **Kafka Granite LLC's** knowledge and belief, accurate and reliable as of the date issued. You can contact **Kafka Granite LLC** to ensure that this document is the most current available from **Kafka Granite LLC**. The information and recommendations are offered for the user's consideration and examination. It is the user's responsibility to satisfy itself that the product is suitable for the intended use. If the buyer repackages this product, it is the user's responsibility to ensure proper health, safety and other necessary information is included with and/or on the container. Appropriate warnings and safe-handling procedures should be provided to handlers and users. Alteration of this document is strictly prohibited. Except to the extent required by law, re-publication or retransmission of this document, in whole or in part, is not permitted.

# APPENDIX A

**Kafka Granite LLC** Products covered by this SDS are:

- American Heritage Stabilized Pathway Mix
- Antique Rose Stabilized Pathway Mix
- Autumn Blend Stabilized Pathway Mix
- Beige Blend Stabilized Pathway Mix
- Birchwood Stabilized Pathway Mix
- Black Diamond Stabilized Pathway Mix
- Blue Mahogany Stabilized Pathway Mix
- Botticino Stabilized Pathway Mix
- Burnt Sienna Stabilized Pathway Mix
- Cajun Spice Stabilized Pathway Mix
- Caramel Stabilized Pathway Mix
- Cherry Creek Stabilized Pathway Mix
- Chocolate Brown Stabilized Pathway Mix
- Colonial Red Stabilized Pathway Mix
- Dynamite Orange Stabilized Pathway Mix
- Evergreen Stabilized Pathway Mix
- Golden Cream Stabilized Pathway Mix
- Gun Metal Stabilized Pathway Mix
- Imperial Gray Stabilized Pathway Mix
- Jade Stabilized Pathway Mix
- Jett Black Stabilized Pathway Mix
- Mauve Stabilized Pathway Mix
- Midnight Blue Stabilized Pathway Mix
- Polar White Stabilized Pathway Mix
- Recycled Copper Slag Stabilized Pathway Mix
- Recycled Porcelain Stabilized Pathway Mix
- Rustic Stabilized Pathway Mix
- Salt & Pepper Stabilized Pathway Mix
- Sierra Black Stabilized Pathway Mix
- Snow White Stabilized Pathway Mix
- Starlight Black Stabilized Pathway Mix
- Sugar & Spice Stabilized Pathway Mix
- Sunset Pink Stabilized Pathway Mix
- Turquoise Stabilized Pathway Mix
- Twilight Black Stabilized Pathway Mix
- Wineberry Stabilized Pathway Mix
- Rustic Stabilized Infield Mix
- Rustic Stabilized Warning Track Mix