



Infill Product Group

Conforms to HCS 2012 - United States

SAFETY DATA SHEET

Version 1.3
Revision Date: 01/21/2025

1. IDENTIFICATION

Product Identifiers

Product Name: All Purpose Infill
Product Number: Camofill (Multiple Colors, Mesh and Grit Sizes)
Trade Name: Encapsulated Sand with ZOE
General Use: Artificial Turf Infill
Chemical Family: VAE Coated & Treated Silicate Sand

Relevant Identified Uses

Identified Uses: All-Purpose Infill for Artificial Lawns, Playgrounds and Putting Greens

Supplier Details

Company: Arizona Specialty Sand, LLC.
2370 E Northern Ave Suite C.
Kingman, AZ 86409
Telephone: +1 (909) 638-9214
Email: sales@arizonaspecialtysand.com

Emergency Telephone Number

Emergency Phone: (800) 325-6851; Office Hours, 8AM-5PM US Pacific Time

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Component Classified – None

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS) – Not Classified

GHS Label elements, including precautionary statements

Pictogram: Not applicable
Signal word: No signal word
Hazard statement(s): Not applicable
Precautionary statement(s): Not applicable

Hazards not otherwise classified (HNOC) or not covered by GHS – none

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixture: Mixture

Other Means of Identification: Vinyl Coated Green and Black Sand

Ingredients

Chemical Name, Empirical Formula	CAS Number	EINECS Number	Percentage (%)
Crystalline Silica (SiO ₂ Non-Respirable)	14808-60-7	238-878-4	>99 wt

Vinyl Acetate Ethylene	24937-78-8	607-457-0	<0.5 wt
Carbon Black (C Non-Respirable)	1333-86-4	215-609-9	<0.2 wt

Hazardous Components

Per XRC(M) analysis, which combines the analytical capabilities of X-Ray Diffraction (X), Raman Spectroscopy (R) Computer Controlled Scanning Electron Microscopy/Energy Dispersive Spectroscopy (C) and Inductively Coupled Plasma/Atomic Emission Spectrophotometry (M) to conduct particle-by-particle inter-instrumental physicochemical/mineralogical analysis – any naturally occurring Respirable Crystalline Silica (RCS) and/or Carbon Black that may exist in these products are inextricably bound, environmentally unavailable and at de minimis concentrations. Thus, in their current and anticipated future physical state, these products are incapable of causing toxicologically relevant RCS or Carbon Black exposures under either normal conditions of use or extreme upset.

Additional Information

Per the scientific results of material characterization testing conducted on these earthen mixtures, there are no additional ingredients present at a significant level within these products and based on the best available information, any naturally occurring trace level impurities that might exist are not at concentration levels capable of triggering detection or classification and hence, are not reportable within this section. Therefore, any and all trace level components have been excluded from reporting and classification as either a health or environmental hazard.

4. FIRST AID MEASURES

Description of Necessary First Aid Measures

Eye Contact: In case of eye contact, flush eyes with water. If necessary, seek medical attention.

Inhalation: If adverse effects occur, remove to uncontaminated area. If not breathing, give artificial respiration or oxygen by qualified personnel. Seek immediate medical attention.

Skin Contact: Use good hygiene practices including washing of skin with soap and water. If irritation occurs, seek medical attention.

Ingestion: Not an anticipated route of exposure. If a large amount is swallowed, get medical attention.

Most Important Symptoms/Effects, Acute and Delayed

Potential Acute Health Effects

Eye Contact	No known significant effects or critical hazards
Inhalation	No known significant effects or critical hazards
Skin Contact	No known significant effects or critical hazards
Ingestion	No known significant effects or critical hazards

Over-Exposure Signs/Symptoms

Eye Contact	No known significant effects or critical hazards
Inhalation	No known significant effects or critical hazards
Skin Contact	No known significant effects or critical hazards
Ingestion	No known significant effects or critical hazards

Indication of any Immediate Medical Attention and Special Treatment Needed

Treat symptomatically. Seek medical care if large quantities have been ingested or inhaled.

5. FIREFIGHTING MEASURES

Suitable Extinguishing Media

Use an extinguishing agent suitable for the surrounding fire.

Unsuitable Extinguishing Media

None Known

Special Hazards Arising from the Chemical

No specific fire or explosion hazard

Hazardous Thermal Decomposition Products

None Known

Special Protective Actions for Firefighters

No special measures are required

Special Protective Equipment for Firefighters

Fire-fighters should wear protective equipment appropriate to the fire hazard which exists.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

For Non-Emergency Personnel

Products are primarily naturally occurring earthen materials. No special precautions are known.

For Emergency Responders

Products are primarily naturally occurring earthen materials. No special precautions are known.

Environmental Precautions

Products are primarily naturally occurring earthen materials. No special precautions are known.

Methods and Material for Containment and Cleaning Up

Handle wastes in accordance with local requirements.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Wear personal protective equipment in accordance with those recommendations provided in Section 8. Use good hygiene practices and wash hands and face before eating, drinking or conducting personal hygiene. Reduce contamination from clothing and protective equipment before entering eating areas.

Conditions for Safe Storage, Including any Incompatibilities

Store in accordance with local regulations.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits (General Dusts):

OSHA (PEL): 15 mg/m³ (TWA, total particulates, not otherwise regulated)
5 mg.m³ (TWA, respirable particulates, not otherwise regulated)

ACGIH (TLV): 10 mg/m³ (TWA, inhalable particulates, not otherwise regulated)
3 mg/m³ (TWA, respirable particulates, not otherwise regulated)

Engineering Controls:

Observe occupational exposure limits and provide local ventilation as necessary to control dust inhalation.

Personal Protection:

Hygiene Measures: No specific recommendation made, but good hygiene practices are advised. Wash hands, forearms and face after handling products and prior to eating, smoking, and using the lavatory.

Eye/Face Protection: Wear eye protection where excessive eye contact may occur. Provide eyewash station.

Skin and Body Protection: Follow good Industrial Hygiene practices. Wash hands at the end of each work shift and before eating, smoking, and personal hygiene.

Respiratory Protection: No specific recommendations made, but respiratory protection must be used where general dust levels exceed occupational exposure limits. If desired, appropriate respiratory protection may be utilized in high dust conditions and affected work areas.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Granular (Round)
Color:	Green - Black
Upper/lower flammability/explosive limits:	Not Applicable
Odor:	None
Odor threshold:	Not Applicable
Vapor pressure:	Not Applicable
Vapor density:	Not Applicable
VOC Content:	None, As Produced
Viscosity:	Not Applicable
pH:	5.0 – 8.0
Specific Gravity:	2.5 – 2.8
Melting/Freezing point:	>160°F / Not Applicable
Solubility(ies)	Insoluble
Initial boiling point and boiling range:	Not Applicable
Partition coefficient: n-octanol/water:	Not Available

Flash point:	Not Applicable
Auto-ignition temperature:	Not Applicable
Evaporation rate	Not Applicable
Decomposition temperature:	Not Available
Flammability (solid, gas):	Not Applicable

10. STABILITY AND REACTIVITY

Reactivity

Stable under normal temperature conditions.

Chemical Stability

Stable under normal storage and handling conditions.

Possibility of Hazardous Reactions

None known under normal conditions of storage and use.

Conditions to Avoid (*e.g., static discharge, shock, or vibration*)

None known under normal conditions of storage and use.

Incompatible Materials

None known under normal conditions of storage and use.

Hazardous Decomposition Products

None known under normal conditions of storage and use.

11. TOXICOLOGICAL INFORMATION

Information on Toxicological Effects

Acute Toxicity: This product is not classified.

Irritation/Corrosion: This product is not classified.

Sensitization: This product is not classified.

Mutagenicity: This product is not classified.

Carcinogenicity: This product is not classified

Reproductive Toxicity: This product is not classified.

Teratogenicity: This product is not classified.

Specific Target Organ Toxicity (Single Exposure): This product is not classified

Specific Target Organ Toxicity (Repeated Exposure): This product is not classified

Aspiration Hazard: This product is not classified.

Information on the Likely Routes of Exposure (Dermal Contact, Eye Contact, Inhalation, Ingestion)

Potential Acute Health Effects

Eye Contact: No known significant health effects or critical hazards.

Inhalation: No known significant health effects or critical hazards.

Skin Contact: No known significant health effects or critical hazards.

Ingestion: No known significant health effects or critical hazards.

Symptoms Related to the Physical, Chemical and Toxicological Characteristics

Eye Contact: No known significant health effects or critical hazards.

Inhalation: No known significant health effects or critical hazards.

Skin Contact: No known significant health effects or critical hazards.

Ingestion: No known significant health effects or critical hazards.

Delayed and Immediate Effects and Also Chronic Effects from Short and Long Term Exposure

Short Term Exposure

Potential Immediate Effects: No known significant health effects or critical hazards.

Potential Delayed Effects: No known significant health effects or critical hazards.

Long Term Exposure

Potential Immediate Effects: No known significant effects or critical hazards.

Potential Delayed Effects: No known significant effects or critical hazards.

Potential Chronic Health Effects

General: No known significant effects or critical hazards.

Carcinogenicity: No known significant effects or critical hazards.

Mutagenicity: No known significant effects or critical hazards.

Teratogenicity: No known significant effects or critical hazards.

Developmental Effects: No known significant effects or critical hazards.

Fertility Effects: No known significant effects or critical hazards.

Numerical Measures of Toxicity

Acute Toxicity Estimates: No data available for this product.

Toxicity: No data available for this product.

Persistence and Degradability: No data available for this product.

Bioaccumulative Potential: No data available for this product.

Mobility in Soil (Soil/Water Partition Coefficient): No data available for this product.

Other Adverse Effects: None known

12. ECOLOGICAL INFORMATION

Ecotoxicity

Not regarded as dangerous for the environment.

Acute Fish Toxicity

Not considered toxic to fish.

Persistence and Degradability

These products are not readily biodegradable.

Bioaccumulative Potential

These products are not bioaccumulating.

Mobility in Soil

Not relevant, due to the form of the products.

Other Adverse Effects

None. The primary components in this product represent naturally occurring earthen inert materials which do not constitute a known health hazard and are non-combustible.

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Dispose of waste and residues in accordance with local and national environmental requirements.

14. TRANSPORT INFORMATION

	DOT Classification	IMDG	IATA
UN Number	Not Regulated	Not Regulated	Not Regulated
UN Proper Shipping Name	--	--	--
Transport Hazard Class(es)	--	--	--
Packing Group	--	--	--
Environmental Hazards	No	No	No

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code: Not applicable.

Special Precautions for User: Not applicable

15. REGULATORY INFORMATION**US Federal Regulations****TSCA 8(a) PAIR**

Not determined

TSCA 8(a) CDR Exempt/Partial exemption

Not determined

United States Inventory (TSCA 8b)

All components are listed or exempted

Clean Air Act Section 112(b) Hazardous Air Pollutants (HAP's)

Not listed

Clean Air Act Section 602 Class I Substances

Not listed

Clean Air Act Section 602 Class II Substances

Not listed

DEA List I Chemicals (Precursor Chemicals)

Not Listed

DEA List II Chemicals (Essential Chemicals)

Not Listed

SARA 302/304 - Composition/Information on Ingredients

No products were found

SARA 313/304 RQ

Not Applicable

SARA 311/312 - Classification

Not applicable

SARA 313

Not applicable. This product does not contain chemicals subject to SARA Title III Section 313 Reporting requirements.

State Regulations

California Proposition 65 Components

This product does not contain chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm at levels above the “safe harbor” designation. Any naturally occurring trace component concentrations that may exist, including Respirable Crystalline Silica and/or Carbon Black, are so low that they are non-detectable utilizing established analytical techniques and incapable of creating significant exposures or risk of cancer, birth defects or reproductive harm.

Other State Right to Know Components

No investigation of State and Local requirements was performed. For details on these regulatory requirements, contact the appropriate agencies within your region.

16. OTHER INFORMATION

Procedures Used to Drive Classification

Classification	Justification
Not Classified	Toxicology Library and Available Databases

Further Information

License granted to make unlimited paper copies for internal use only. The above information is believed to be correct as of the date of preparation and does not purport to be all inclusive or account for naturally occurring variation in the composition of raw ores. It therefore, represents no guarantee of the properties associated with these products.

The information in this document should be used only as a guide in applying the appropriate safety precautions and professional consultation is advised. Should naturally occurring variation cause significant change in product composition, this information will undergo revision as appropriate. Western States Wholesale, Inc. and its affiliates shall not be held liable for any damage resulting from the end user's handling or contact with these products.

Document History

Version: 1.3

Revision Date: 01/21/2025