



## Infill Product Group

Conforms to HCS 2012 - United States

# SAFETY DATA SHEET

Version 1.0

Revision Date: 09/29/2021

### 1. IDENTIFICATION

#### Product Identifiers

Product Name: All Purpose Infill  
Product Number: Wonderfill (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: Western States Wholesale, Inc.  
1420 S. Bon View Ave.  
Ontario, CA 91761  
Telephone: +1 (909) 947-0028  
Email: info@wswcorp.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 <sub>2</sub> 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.

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## 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.

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## 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.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Occupational Exposure Limits (General Dusts):

OSHA (PEL): 15 mg/m<sup>3</sup> (TWA, total particulates, not otherwise regulated)  
5 mg.m<sup>3</sup> (TWA, respirable particulates, not otherwise regulated)

ACGIH (TLV): 10 mg/m<sup>3</sup> (TWA, inhalable particulates, not otherwise regulated)  
3 mg/m<sup>3</sup> (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.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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

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

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## 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.

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## 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

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## **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.

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## **13. DISPOSAL CONSIDERATIONS**

### **Waste Treatment Methods**

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

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**14. TRANSPORT INFORMATION**

	<b>DOT Classification</b>	<b>IMDG</b>	<b>IATA</b>
<b>UN Number</b>	Not Regulated	Not Regulated	Not Regulated
<b>UN Proper Shipping Name</b>	--	--	--
<b>Transport Hazard Class(es)</b>	--	--	--
<b>Packing Group</b>	--	--	--
<b>Environmental Hazards</b>	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

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**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.

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## 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:** 1.0

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