

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier

Product Form : Substance
 Substance Type : Grout
 Name : Sikacrete 7000 3D
 Trade Name : Sikacrete 7000 3D
 Type of Product : 3D Poly-Grout

Components

Component Name	CAS Number	Classification
Quarts (SiO ₂)	14808-60-7	Carc. 1A; H350i STOT RE 1; H372 STOT SE 3; H335
Portland Cement	65997-15-1	Skin Corr. 1C; H314 Eye Dam. 1; H318 Skin Sens. 1; H317 STOT SE 3; H335
Aluminium Oxide 1344-28-1		
Fumes, Silica 69012-64-2		

1.2 Relevant Identified Uses of the Substance/Mixture and Uses Advised Against

1.2.1 Relevant Identified Uses

Outdoor Use Spec : Manufactured 3DPG Products
 Indoor Use Spec : Manufactured 3DPG Products

1.2.2 Uses Advised Against

No relevant data available

1.3 Mortar Supplier Safety Data Sheet Details

Product Name : Sikacrete® 7000 3D
Company Name : Sika Corporation
Address : 201 Polito Avenue
Lyndhurst, NJ 07071 USA
Website : www.sikausa.com
Telephone : (201) 933-8800
Email : ehs@sika-corp.com
Emergency Numbers : CHEMTREC: 800-424-9300
INTERNATIONAL: 703-527-3887

2. Hazards Identification

2.1 Classification of the substance or Mixture

Not Classified

2.2 Label Elements

No labelling applicable

2.3 Other Hazards

No relevant data available

3. Composition/information on ingredients

3.1 Classification of the substance or Mixture

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4. First Aid Procedures

4.1 Description of First Aid Measures

First Aid Measures, General	: Clean all wounds immediately before bandaging affected areas
First Aid Measures, Dust Inhalation	: Move to a dust-free area. Call your primary physician if discomfort persists
First Aid Measures, Dust Eye Contact	: Rinse immediately with plenty of water
First Aid Measures, Ingestion	: Not Applicable
First Aid Measures, Skin Contact	: Not Applicable

4.2 Most important symptoms and effects, both acute and delayed

First Aid Measures, General	: Minor skin lesions may occur from handling of this product
Symptoms/Injuries, Dust Inhalation	: Dust from this product may cause irritation to the respiratory tract
First Aid Measures, Eye Contact	: Dust from this product may cause irritation to the eyes
First Aid Measures, Ingestion	: Not Applicable
First Aid Measures, Skin Contact	: Not Applicable

4.3 Indication of any immediate medical attention and special treatment needed

No specific first aid measures are required.

5. Firefighting Measures

5.1 Extinguishing Media

Suitable Extinguishing Media	: Carbon dioxide (CO ₂), powder, alcohol-resistant foam, hazy water.
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5.2 Special Hazards Arising from the Substance or Mixture

Fire Hazard	: Not classified as flammable by EC criteria
Explosion Hazard	: Not Applicable
Reactivity	: Not Applicable
General Measures	: Avoid dust formation

5.3 Advice for Firefighters

Firefighting Instructions	: Evacuate the personnel away from the fumes
Protection During Firefighting	: Self contained breathing apparatus
Other Information (Firefighting)	: Do not allow into drains or water courses or dispose of where ground or surface waters may be affected

6. Accidental Breakage and Dust Formation Measures

6.1 Personal Precautions, Protective Equipment, and Emergency Procedures

6.1.1 For non-emergency personnel

Protective Equipment : Wear gloves, eye protection, and masks when cutting into or moving materials
Emergency Procedures : Avoid inhalation of dust

6.1.2 For emergency responders

Protective Equipment : Ventilation, local exhaust, or breathing protection

6.2 Environmental Precautions

Avoid dust formation. Do not allow into drains or water courses or dispose of where ground or surface waters may be affected.

6.3 Methods and material for containment and cleaning up

For containment : Wear a dust mask to sweep up or shovel breakage into appropriate container for disposal
Other information : Collect all pieces: it could cause falls or lesions.

6.4 Reference to other sections

No relevant data available

7. Handling and Storage

7.1 Precautions for safe handling

Precautions for safe handling : Avoid dust formation; wear proper personal protection equipment
Handling temperature : Not applicable

7.2 Conditions for safe storage, including any incompatibilities

Technical Measures : Minimize generation of dust
Storage Conditions : Not Applicable
Containers, Requirements : Avoid permanent storage, keep containers closed until installation
Containers, Material Selection : Not Applicable

7.3 Specific end use(s)

Fountain : Filtering, pumping, and staging of water within a contained water feature
Seating : Indoor and outdoor seating elements
Fire Containment : Self-contained firepits for outdoor use
Planter : Containment of rocks, soil, and foliage
Electrical Components : Containment of electrical components installed by an electrician

8. Exposure Controls/Personal Protection

8.1 Exposure Controls

Appropriate Installation Controls	: Either outdoor installation or a well ventilated room is usually required
Materials for protective clothing	: Not Applicable
Hand Protection	: Gloves
Eye Protection	: Safety Glasses
Skin and Body Protection	: Not Applicable
Respiratory Protection	: In case of dust formation, use a respirator with a filter
Environmental exposure controls	: Do not allow into drains or water courses or dispose of where ground or surface waters may be affected

9. Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Color	: white
Odor	: odorless
Odor Threshold	: No data available
pH	: Not applicable
Melting point/range / Freezing point	: No data available
Boiling point/boiling range	: No data available
Flash point	: Not applicable
Evaporation rate	: No data available
Flammability (solid, gas)	: No data available
Upper explosion limit / Upper flammability limit	: No data available
Lower explosion limit / Lower flammability limit	: No data available
Vapor pressure	: No data available
Relative vapor density	: No data available
Density	: ca. 2.720 g/cm ³ (73 °F / 23 °C)
Solubility(ies)	
Water solubility	: insoluble
Solubility in other solvents	: No data available
Partition coefficient: n-octanol/water	: No data available
Autoignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	
Viscosity, dynamic	: No data available
Viscosity, kinematic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Volatile organic compounds (VOC) content	: Not applicable

9.2 Other Information

No relevant data available

10. Stability and Reactivity

10.1 Reactivity

Not Applicable

10.2 Chemical Stability

Product is stable.

10.3 Possibility of Hazardous Reactions

No relevant data is available

10.4 Conditions to Avoid

No relevant data is available

10.5 Incompatible Materials

Not Applicable

10.6 Hazardous Decomposition Products

No relevant data is available

11. Toxicological Information

11.1 Information on Toxicological Effects

Not classified based on current information

12. Ecological Information

12.1 Toxicity

Ecology - General : Not Dangerous

Ecology - Air : Not Dangerous

Ecology - Water : Product is not expected to cause problems, as it is generally water insoluble.

12.2 Persistence and Degradability

No data available

12.3 Bioaccumulative Potential

No data available

12.4 Mobility in Soil

No data available

13. Disposal Considerations

13.1 Waste Treatment Methods

Regional Legislation (Waste)	: Comply with applicable regulations for solid waste disposal
Waste Treatment Methods	: If recycling is not possible, eliminate in accordance with local regulations
Ecology - Waste Materials	: If recycling is not possible, eliminate in accordance with local regulations Refer to manufacturer/supplier for information on recovery and recycling

14. Transport Information

No transportation regulations applicable.

15. Regulatory Information

No regulations applicable.

16. Other Information

Please contact create@pikus3d.com with all other inquiries into the safety of the products.