

Safety Data Sheet
Aggregate

Florock
1-132, 1-134

Product Identification

Section 1

Product Identifier 1-132, 1-134
Product Name Aggregate
Synonyms Silica sand, aggregate, glass bead
Product Usage Part C Aggregate
Company Florock Polymer Flooring
1120 W Exchange
Chicago, IL 60609
Phone 773-376-7132
Chemtrec 800-424-9300

Hazard Identification

Section 2

GHS Classifications Acute toxicity (inhalation): Category 4

Signal Word **Warning**

Pictograms



Hazard Statements H332 Harmful if inhaled

Precautionary Statements P261 Avoid breathing dust....
P271 Use only outdoors or in a well-ventilated area.
P304+P340+P312 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell.

Additional Hazard Information Percentage of mixture with unknown Acute Toxicity:
None

Composition Information of Ingredients

Section 3

Component	CAS No.	Weight %
Aluminum Oxide	1344-28-1	60-70
Soda-lime Glass	65997-17-3	30-40

Where a range is displayed or the exact percentage of the component in the composition has been withheld it is considered a trade secret.

Ingredients not listed on this SDS are considered to be non-hazardous.

First Aid Measures Section 4

General	Take off all contaminated clothing immediately.
Inhalation	Move person to fresh air and breathe normally.
Eyes	Rinse cautiously with water for several minutes. Remove contact lenses if present. If eye irritation persists get medical attention.
Ingestion	Do not eat, taste, or ingest. Rinse mouth if person is conscious.
Skin	Take off all contaminated clothing. Rinse skin with water. Wash with soap and water. If skin irritation or rash occurs get medical attention.
Acute	Skin irritation, coughing, shortness of breath
Delayed	Chronically may affect breathing capacity

Fire Fighting Measures Section 5

Extinguishing Media	Use water spray, powder, alcohol-resistant foam, carbon dioxide.
Extinguishing Methods	Water may be used to keep exposed containers cool, and to keep flammable structures wet.
Special Protective Equipment	Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask. During fire-fighting respirator with independent air-supply and airtight garment is required. Do not allow contaminated extinguishing water to enter the soil, ground-water or surface waters.
Special hazards	Carbon monoxide may form from incomplete combustion. In the event of fire and/or explosion do not breathe fumes.
Important additional information	Do not enter fire area without proper protection because hazardous decomposition products may be present.

Accidental Release Measures Section 6

Personal precautions	<i>Protective equipment:</i> If air test dictates wear approved protective respirator, safety goggles, and chemical resistant gloves. Ensure adequate ventilation. Avoid breathing dust, vapors, spray, and fumes. Avoid skin contact.
----------------------	---

Emergency procedures:

Call CHEMTREC at 1-800-424-9300 for assistance and advice

Methods for clean up and disposal

Ventilate the contaminated area. Collect the material using absorbents or other equipment required by the size of the release. Decontaminate the area, collecting any cleaning and rinsing media for proper reclamation or disposal. Soak up with an absorbent and place in non-leaking containers. Seal tightly for disposal according to local and federal regulations.

Do not allow to escape into waterways, wastewater or soil.

Handling and Storage

Section 7

Precautions for safe handling

As with any chemical product, use good laboratory/workplace procedures. Use under well-ventilated conditions. Wash thoroughly after handling this product. Always wash hands and skin before eating, smoking or using the facilities.

Avoid eye and skin contact. Avoid drinking, tasting, swallowing or ingesting this product. Wash contaminated clothing before reuse. Discard shoes contaminated with this product. Do not breathe vapors or dust.

Avoid formation of dust and aerosols.

Conditions for safe storage, including incompatibilities

Protect container from physical abuse. Keep the container tightly closed. Store in dry well-ventilated areas. Store this material away from incompatible substances (see section 10). Do not store in open, unlabeled or mislabeled containers. Do not reuse empty containers.

Exposure Controls/Personal Protection

Section 8

Component	CAS#	ACGIH/TLV	OSHA/PEL	*V/P
Aluminum Oxide	1344-28-1	10 mg/m3	15 mg/m3 respirable fraction	N/D
Soda-lime Glass	65997-17-3	3 mg/m3	3 mg/m3	N/D

**Vapor Pressure limit*

Engineering Controls

Local Ventilation

Highly recommended. Use local and general engineering controls.

Personal Protective Equipment

Eye/Face protection

Protective safety goggles.

Skin protection	Wash and dry hands. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Respiratory protection	If using in a poorly ventilated area, wear a properly fitted respirator (NIOSH approved) during exposure. Use appropriate NIOSH approved respiratory protection for respirable dust if PEL or TLV are exceeded
General Hygiene Considerations	Wash hands before eating, smoking, or touching the facial area.

Physical/Chemical Properties	Section 9
-------------------------------------	------------------

Physical state	Solid
Appearance	White granular powder
Odor	N/D
Flashpoint	Will not burn
Boiling range	N/Ds
Vapor density	Heavier than air
Liquid density	Heavier than water
Volatiles volume	0
Evaporation Rate	N/D
pH	N/D
Vapor pressure	N/D
Relative density	3.95
Solubility	Insoluble
Partition coefficient	N/D
Auto Ignition temp	N/D

Stability and Reactivity	Section 10
---------------------------------	-------------------

Chemical stability	Stable
Hazardous reactions	None
Conditions to avoid	Avoid dust generation. Avoid exposure to moisture.
Incompatible materials	Incompatible with strong acids and strong oxidising agents.
Hazardous decomposition products	None known.

Toxicological Information	Section 11
----------------------------------	-------------------

Name	CAS#	Oral LD50	Dermal LD50	Vapor LC50
Aluminum Oxide	1344-28-1	N/D	N/D	N/D

Soda-lime Glass	65997-17-3	N/D	N/D	N/D
-----------------	------------	-----	-----	-----

Routes of Exposure

Symptoms of Exposure *Acute:* Causes eye irritation redness, and pain.

Chronic: None

Carcinogenicity N/D

Ecological Information Section 12

Keep out of sewers, drainage areas, and waterways. Report spills and atmospheric releases, as applicable, under Federal and State regulations.

Disposal Considerations Section 13

Dispose of container and unused contents in accordance with federal, state, and local requirements for hazardous materials.

Transport Information Section 14

DOT/IATA/IMDG Proper Shipping	
Name:	NOT-REGULATED
Packing Group:	
DOT Hazard Class:	
DOT UN/NA Number:	NOT-REGULATED

Regulatory Information Section 15

Contact manufacturer for information on specific territorial regulatory information.

Other Information Section 16

Glass beads are not considered to be hazardous by the EPA under 29 CFR 1910.1200 and the Federal Register, Vol. 51, No. 221, pp 41582-41594. The RCRA status in unused material is not hazardous according to the list of CERCLA chemical. It is not on the toxic chemical list in the Committee Print Number 99-169.

This mixture does not meet the criteria for classification in accordance with Regulation No. 1272/2008/EC. (CLP)

This mixture does not meet the criteria for classification in accordance with Directive 1999/45/EC. (DPD)

NFPA/HMIS Rating

Health 1

Fire 0

Reactivity 0

The information provided in this **Safety Data Sheet** is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal, and release. It is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process unless specified in the text.

Publication Date

2-02-2015