

Safety Data Sheet
Aluminum Oxide Aggregate

Florock
1-68, 1-67, 1-62, 1-39, 1-91, 1-80, 1-86

Product Identification Section 1

Product Identifier 1-86
Product Name Aluminum Oxide Aggregate
Synonyms Aluminum Oxide White
Product Usage Floor coating systems
Company Florock Polymer Flooring
1120 W Exchange
Chicago, IL 60609
Phone 773-376-7132
Chemtrec 800-424-9300

Hazard Identification Section 2

GHS Classifications None
Signal Word **None**
Pictograms None
Hazard Statements None
Precautionary Statements None
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	94-99

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 and not classifiable under the standardized GHS system.

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	Cough and shortness of breath
Delayed	Cough and shortness of breath

Fire Fighting Measures

Section 5

Extinguishing Media	Extinguish preferably with dry chemical, foam or water spray.
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.
Special hazards	Not Flammable. No declared Flash Point, Explosive Limits, or Auto-Ignition Temperature.
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	<p><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.</p> <p>Avoid dust generation. Ensure full personal protection (including respiratory protection) during removal of spillages.</p> <p><i>Emergency procedures:</i> Call CHEMTREC at 1-800-424-9300 for assistance and advice</p>
Methods for clean up and disposal	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 Avoid contact with skin and eyes. Wash hands before eating, drinking or smoking. Avoid accumulation of dust. Use only in well-ventilated areas.

Conditions for safe storage, including incompatibilities Store in the original container in a cool, dry well ventilated area. Keep containers tightly sealed.

Exposure Controls/Personal Protection

Section 8

Component	CAS#	ACGIH/TLV	OSHA/PEL	*V/P
Aluminum Oxide	1344-28-1	10 mg/m ³	15 mg/m ³	N/D

*Vapor Pressure limit

Engineering Controls

Local Ventilation Ventilation is recommended.

Personal Protective Equipment

Eye/Face protection Protective safety goggles.

Skin protection The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Avoid eye contact. Wear protective eyewear (goggles, face shield, or safety glasses). Wear protective gloves.

Respiratory protection

If using in a poorly ventilated area, wear a properly fitted respirator (NIOSH approved) during exposure.

Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

General Hygiene Considerations

Wash hands before eating, smoking, or touching the facial area.

Physical/Chemical Properties

Section 9

Physical state Solid
Appearance Powder
Odor N/D

Flashpoint	N/D
Boiling range	N/D
Vapor density	Heavier than air
Liquid density	Heavier than water
Volatiles volume	%
Evaporation Rate	0 x n-Butyl Acetate
pH	N/D
Vapor pressure	N/D
Relative density	3.95
Solubility	N/D
Partition coefficient	N/D
Auto Ignition temp	N/D

Stability and Reactivity Section 10

Chemical stability	Stable
Hazardous reactions	None
Conditions to avoid	N/D
Incompatible materials	N/D
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

Routes of Exposure	
Symptoms of Exposure	<i>Acute:</i> Inhalation of the dust may cause breathlessness, coughing, tightness of the chest and difficulty in breathing. <i>Chronic:</i> Prolonged contact may cause skin abrasion, redness, and itching.
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 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

Additional information regarding this product:

Potential health effects include eye and skin irritation. If ingested one should call a Physician.

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