

Safety Data Sheet
Florocrete System Mortar Part C

Florock
SLX-C3, RT-C3, HD-C3

Product Identification

Section 1

Product Identifier SLX-C3, RT-C3, HD-C3
Product Name Florocrete 3.0 Mortar Part C
Synonyms Aggregate for Polyurethane Mortar
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 Eye damage: Category 1,
Skin irritation: Category 2,
Skin sensitizer: Category 1A,
STOT (SE/RE-Respiratory): Category 3,
Resp. Sensitizer: Category 1A,
Carcinogenicity: Category 1A

Signal Word **Danger**

Pictograms



Hazard Statements H318 Causes serious eye damage
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled
H315 Causes skin irritation
H317 May cause an allergic skin reaction
H335 May cause respiratory irritation
H350 May cause cancer by way of the respiratory system
H372 Causes damage to organs through prolonged or repeated exposure

Precautionary Statements P102 Keep out of reach of children.
P264 Wash hands thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

P302 + P352 + P333 + P 313 IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

P261 + P304 + P340 + P312 Avoid breathing dust/fume/gas/mist/vapors/spray. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

P501 Dispose of contents/container in accordance with local regulation.

Additional Hazard Information

Percentage of mixture with unknown Acute Toxicity: none

Composition Information of Ingredients

Section 3

Component	CAS No.	Weight %
Crystalline Silica	14808-60-7	5-40
Portland Cement	65997-15-1	5-20
Calcium Hydroxide	1305-62-0	0-15

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. Consult a physician for all exposures except for minor instances.
Inhalation	Move person to fresh air and breathe normally. Obtain medical attention immediately.
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	Itching, redness of skin, dryness in eye, coughing, sore throat, thickening, cracking or fissuring of the skin
Delayed	Asthma, cough, dryness of mucous membranes, sore throat, irritation or inflammation of the eye

Fire Fighting Measures	Section 5
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Extinguishing Media	Water
Extinguishing Methods	Use water spray
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	Not combustible, however, if material is involved in a fire use: Extinguishing media appropriate to surrounding fire conditions.
Important additional information	Do not enter fire area without proper protection because hazardous decomposition products may be present.

Accidental Release Measures	Section 6
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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. <i>Emergency procedures:</i> Call CHEMTREC at 1-800-424-9300 for assistance and advice
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
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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,
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smoking or using the facilities.

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
Crystalline Silica	14808-60-7	.025 mg/m ³	10 mg/m ³	N/D
Portland Cement	65997-15-1	10 mg/m ³	5 mg/m ³	N/D
Calcium Hydroxide	1305-62-0	N/D	5 mg/M ³	N/D

*Vapor Pressure limit

Engineering Controls

Local Ventilation Use local and general engineering controls.

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.

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 Sand
Odor N/D
Flashpoint N/D
Boiling range N/D
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	N/D
Solubility	Slightly
Partition coefficient	N/D
Auto Ignition temp	N/D

Stability and Reactivity	Section 10
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Chemical stability	Stable
Hazardous reactions	None
Conditions to avoid	Oxidants, acids, aluminum metals
Incompatible materials	N/D
Hazardous decomposition products	Calcium hydroxide

Toxicological Information	Section 11
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Name	CAS#	Oral LD50	Dermal LD50	Vapor LC50
Crystalline Silica	14808-60-7	400 mg/kg ³ (Rat)	400 mg/kg ³ (Rat)	N/D
Portland Cement	65997-15-1	N/D	> 2,000 mg/kg	N/D
Calcium Hydroxide	1305-62-0	N/D	N/D	N/D

Routes of Exposure	Lungs, skin, eye, mouth, and nose
Symptoms of Exposure	<p><i>Acute:</i> inflammation, silicosis, lymph node fibrosis, airways disease, emphysema and increased permeability of the airspace epithelium.</p> <p>Swallowing may result in nausea, vomiting, and abdominal pain.</p> <p><i>Chronic:</i> lung cancer, silicosis, lymph node fibrosis, airways disease, emphysema and lung inflammation.</p>
Carcinogenicity	Glass Oxide and Silicon Dioxide are suspected of causing cancer.

Ecological Information	Section 12
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Keep out of sewers, drainage areas, and waterways. Report spills and atmospheric releases, as applicable, under Federal and State regulations.

Disposal Considerations	Section 13
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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

NFPA/HMIS Rating

Health N/D

Fire N/D

Reactivity N/D

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.

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