

Product Identification **Section 1**

Product Identifier 1-86BG

Product Name FloroCryl MMA Filler

Synonyms Silica aggregate

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 Skin irritation: Category 2,
Serious eye damage: Category 1,
Carcinogenicity: Category 1A,
Acute aquatic toxicity: Category 3,
STOT (SE): Category 1

Signal Word **Danger**

Pictograms



Hazard Statements H350 May cause cancer by inhalation respiratory irritation
H372 Causes damage to lungs through prolonged or repeated inhalation
H315 Causes skin irritation
H318 Causes serious eye damage
H335 May Cause respiratory irritation
H402 Harmful to aquatic life

Precautionary Statements P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P260 Do not breathe dust/fume/gas/mist/vapors/spray.
P271 Use only outdoors or in a well ventilated area.
P273 Avoid release to environment.
P281 Use personal protective equipment as required.

P302+P352 IF ON SKIN: Wash with plenty of water.
P308+P313 IF exposed or concerned: Get medical advice/attention.
P314 Use personal protective equipment as required.

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

Composition Information of Ingredients **Section 3**

Component	CAS No.	Weight %
Silicon dioxide	14808-60-7	< 100
Calcium Hydroxide	1305-62-0	< 100

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. Wear breathing apparatus while handling and do not breathe dust or particles. Do not sweep or form particle clouds.

Inhalation Call Poison Center and/or Consult Physician. Move to Fresh air immediately. 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 Irritation to the eyes, skin, and mucous membranes of the upper respiratory tract.

Delayed Silicosis, Lung Cancer, Pulmonary Fibrosis

Fire Fighting Measures **Section 5**

Extinguishing Media Use 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 This material is not flammable , combustible, or explosive

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 *Protective equipment:* If air test dictates wear approved protective respirator, safety goggles, and chemical resistant gloves. Ensure adequate ventilation. Avoid breathing dust, vapors, spray.

Avoid skin contact. Avoid inhaling any dust or particles.

Emergency procedures: 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

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.

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
Silicon dioxide	14808-60-7	0.025mg/m3	0.025mg/m3	N/D
Calcium Hydroxide	1305-62-0	5mg/m3	5mg/m3	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	<p>If using in a poorly ventilated area, wear a properly fitted respirator (NIOSH approved) during exposure.</p> <p>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).</p>
General Hygiene Considerations	Wash hands before eating, smoking, or touching the facial area.

Physical/Chemical Properties

Section 9

Physical state	Powder
Appearance	Grey-Beige
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	N/D
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	None known.

products

Toxicological Information

Section 11

Name	CAS#	Oral LD50	Dermal LD50	Vapor LC50
Silicon dioxide	14808-60-7	N/D	N/D	N/D
Calcium Hydroxide	1305-62-0	7340 mg/kg	N/D	N/D

Routes of Exposure Lungs, Eye, Mouth, Skin

Symptoms of Exposure *Acute:* Skin irritation, difficulty breathing, sneezing

Chronic: Pulmonary Fibrosis, Lung Cancer, Skin sensitivity

Carcinogenicity Yes

Ecological Information

Section 12

Keep out of sewers, drainage areas, and waterways. Report spills and atmospheric releases, as applicable, under Federal and State regulations. Do not release to environment. This material is toxic to aquatic life.

Disposal Considerations

Section 13

Dispose of container and unused contents in accordance with federal, state, and local requirements for hazardous materials. Do not release to environment. This material is toxic to aquatic life.

Transport Information

Section 14

DOT Proper Shipping	
Name:	
Packing Group:	
DOT Hazard Class:	
DOT UN/NA Number:	

Regulatory Information

Section 15

Contact manufacturer for information on specific territorial regulatory information.

Other Information

Section 16

NFPA/HMIS Rating

Health ND

Fire ND

Reactivity ND

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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