

Product Identification **Section 1**

Product Identifier 9-43, 9-44

Product Name FloroBuild XT Steels

Synonyms Steel 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 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 %
Iron	7439-89-0	70-80
Silicon	7440-21-3	10-20
Titanium	7440-32-6	5-10
Aluminum	7429-90-5	1-5

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
Iron	7439-89-0	N/D	N/D	N/D
Silicon	7440-21-3	1 mg/3 (8hr-respirable)	N/D	N/D
Titanium	7440-32-6	N/D	N/D	N/D
Aluminum	7429-90-5	1 mg/3 (8hr-respirable)	N/D	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 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 products None known.

Toxicological Information Section 11

Name	CAS#	Oral LD50	Dermal LD50	Vapor LC50
Iron	7439-89-0	30,000mg/kg	N/D	N/D
Silicon	7440-21-3	3160mg/kg	N/D	N/D
Titanium	7440-32-6	N/D	N/D	N/D
Aluminum	7429-90-5	N/D	N/D	N/D

Routes of Exposure
Symptoms of Exposure
Acute: Inhalation of the dust may cause breathlessness, coughing, tightness of the chest and difficulty in breathing.
Chronic: 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 0

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.

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