

Product Identification

Section 1

Product Identifier R6-031
Product Name Florocrete Tile Red 3.0
Synonyms Polyurethane resin
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 Sensitization: Category 1,
Skin irritation: Category 2,
Eye damage/irritation: Category 2,
STOT(Single Exposure): Category 2,
Aquatic Acute: Category 2,
Aquatic Chronic: Category 3

Signal Word **Danger**

Pictograms



Hazard Statements H303 May be harmful if swallowed
H315 Causes skin irritation
H317 May cause an allergic skin reaction
H319 Causes serious eye irritation
H335 May cause respiratory irritation
H371 May cause damage to organs
H401 Toxic to aquatic life
H412 Harmful to aquatic life with long lasting effects

Precautionary Statements P260 Do not breathe fume/gas/mist/vapors/spray.
P264 Wash thoroughly after handling.
P270 Do not eat, drink, or smoke when using this product.

P280 Wear protective gloves/ eye protection/face protection.
P305+351+338 If in eyes, rinse cautiously with water for several minutes.
Remove contact lenses if present and easy to do. Continue rinsing.
P272 Contaminated work clothing must not be allowed out of the workplace.
P302+352 If on skin, wash with plenty of soap and water.
P304+340 If inhaled, remove person to fresh air and keep comfortable for breathing.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
Percentage of mixture with unknown Acute Toxicity:
None

Additional Hazard Information

Composition Information of Ingredients Section 3

Component	CAS No.	Weight %
Polyol Resin	Proprietary	40-60
Distillates (petroleum) hydrotreated heavy naphthenic	64742-52-5	5-15
Polyol solution	Proprietary	5-10

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 or below cut-off concentration limits for GHS classification.

First Aid Measures Section 4

General	Consult a physician. Take off all contaminated clothing immediately.
Inhalation	Move person to fresh air and breathe normally. If experiencing respiratory symptoms. Call POISON CENTER or doctor.
Eyes	Rinse cautiously with water for several minutes. Remove contact lenses if present. If eye irritation persists get medical attention.
Ingestion	DO NOT induce vomiting. 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, redness, itching
Delayed	N/D

Fire Fighting Measures

Section 5

Extinguishing Media	Water, dry chemicals, CO2
Extinguishing Methods	<p>Water may be used to keep exposed containers cool, and to keep flammable structures wet.</p> <p>Do not use a high volume water jet.</p>
Special Protective Equipment	<p>Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask.</p> <p>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.</p>
Special hazards	Carbon monoxide may form from incomplete combustion. Burning releases carbon monoxide, carbon dioxide, oxides of nitrogen, formaldehyde. In the event of fire and/or explosion do not breathe fumes.
Important additional information	<p>Containers may explode upon exposure to excessive heat and fire situations. Sealed containers may explode if overheated.</p> <p>Water may be used to keep exposed containers cool, and to keep flammable structures wet.</p> <p>Do not enter fire area without proper protection because hazardous decomposition products may be present.</p>

Accidental Release Measures

Section 6

Personal precautions	<p><i>Protective equipment:</i> If air tests dictate wear approved protective respirator, safety goggles, and chemical resistant gloves. Ensure adequate ventilation. Avoid breathing dust, vapors, spray, and fumes.</p> <p>Avoid skin contact.</p> <p><i>Emergency procedures:</i> Evacuate personnel to safe areas.</p> <p>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	<p>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.</p> <p>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.</p> <p>Avoid formation of dust and aerosols.</p> <p>Use only explosion proof equipment.</p>
Conditions for safe storage, including incompatibilities	<p>Protect container from physical abuse. Keep the container tightly closed. Store in dry well-ventilated areas.</p> <p>Storage temperature: minimum: 45 F maximum: 85 F</p>

Exposure Controls/Personal Protection

Section 8

Component	CAS#	ACGIH/TLV	OSHA/PEL	*V/P
Polyol Resin	Proprietary	N/D	N/D	N/D
Distillates (petroleum) hydrotreated heavy naphthenic	64742-52-5	5 mg/m ³	5 ppm	N/D
Polyol solution	Proprietary	N/D	N/D	N/D

**Vapor Pressure limit*

Engineering Controls

Local Ventilation Use local and general engineering controls.

Personal Protective Equipment

Eye/Face protection Protective safety goggles and/or face shield is recommended.

Skin protection Handle with permeation resistant gloves. Polyvinyl or Teflon gloves are recommended.

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

workplace.

Respiratory protection None required under normal conditions of use.
General Hygiene Considerations Do not eat, drink, or smoke in areas where this material is used. Wash thoroughly after handling. Wash hands before eating, smoking, or touching the facial area.

Physical/Chemical Properties **Section 9**

Physical state Liquid
Appearance Clear
Odor N/D
Flashpoint >200 F
Boiling range 212-660 F
Vapor density Heavier than air
Liquid density Lighter than water
Volatiles volume 17.7%
Evaporation Rate 0 x n-Butyl Acetate
pH N/D
Vapor pressure N/D
Relative density .984
Solubility Soluble
Partition coefficient N/D
Auto Ignition temp N/D

Stability and Reactivity **Section 10**

Chemical stability Stable
Hazardous reactions None
Conditions to avoid Avoid spaying this material. Do not heat. Do not freeze. Keep away from heat and direct sunlight.
Incompatible materials Avoid contact with strong oxidizers.
Hazardous decomposition products Toxic fumes at decomposition temperatures. Such as carbon dioxide, carbon monoxide, oxides of nitrogen

Toxicological Information **Section 11**

Name	CAS#	Oral LD50	Dermal LD50	Vapor LC50
Polyol Resin	Proprietary	2,000 mg/kg (Rat)	2,000 mg/kg (Rat)	N/D
Distillates (petroleum) hydrotreated heavy naphthenic	64742-52-5	> 5000 mg/kg	> 2000 mg/kg	N/D
Polyol solution	Proprietary	> 3280	N/D	N/D

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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