

Product Identification

Section 1

Product Identifier R8-095
Product Name Florocrete Grey 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,
Carcinogenicity: 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
H351 Suspected of causing cancer
H371 May cause damage to organs
H401 Toxic to aquatic life
H412 Harmful to aquatic life with long lasting effects

Precautionary P201 Obtain special instructions before use.

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| Statements | <p>P260 Do not breathe fume/gas/mist/vapors/spray.</p> <p>P264 Wash thoroughly after handling.</p> <p>P270 Do not eat, drink, or smoke when using this product. P280 Wear protective gloves/ eye protection/face protection.</p> <p>P305+351+338 If in eyes, rinse cautiously with water for several minutes.</p> <p>Remove contact lenses if present and easy to do. Continue rinsing.</p> <p>P272 Contaminated work clothing must not be allowed out of the workplace.</p> <p>P302+352 If on skin, wash with plenty of soap and water.</p> <p>P304+340 If inhaled, remove person to fresh air and keep comfortable for breathing.</p> <p>P333+P313 If skin irritation or rash occurs: Get medical advice/attention.</p> <p>P405 Store locked up.</p> <p>P501 Dispose of contents/container in accordance with local/regional/national/international regulations.</p> |
| Additional Hazard Information | <p>Percentage of mixture with unknown Acute Toxicity: None</p> |

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| Composition Information of Ingredients | Section 3 |
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| Component | CAS No. | Weight % |
|---|-------------|----------|
| Polyol Resin | Proprietary | 40-60 |
| Distillates (petroleum) hydrotreated heavy naphthenic | 64742-52-5 | 5-15 |
| Titanium Dioxide | 13463-67-7 | 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.

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| First Aid Measures | Section 4 |
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| 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 Water may be used to keep exposed containers cool, and to keep flammable structures wet.

Do not use a high volume water jet.

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 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 Containers may explode upon exposure to excessive heat and fire situations. Sealed containers may explode if overheated.

Water may be used to keep exposed containers cool, and to keep flammable structures wet.

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 tests dictate wear approved protective respirator, safety goggles, and chemical resistant gloves. Ensure adequate ventilation. Avoid breathing dust, vapors, spray, and fumes.

Avoid skin contact.

Emergency procedures: Evacuate personnel to safe areas.

Call CHEMTREC at 1-800-424-9300 for assistance and advice.

Methods for clean Collect the material using absorbents or other equipment required by the

up and disposal

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.

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.

Avoid formation of dust and aerosols.

Use only explosion proof equipment.

Conditions for safe storage, including incompatibilities

Protect container from physical abuse. Keep the container tightly closed. Store in dry well-ventilated areas.

Storage temperature:
minimum: 45 F
maximum: 85 F

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 |
| Titanium Dioxide | 13463-67-7 | 10 mg/m ³ | 15 mg/m ³ | 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

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| 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. |

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| Physical/Chemical Properties | Section 9 |
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| 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 |

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| Stability and Reactivity | Section 10 |
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| 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 |

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| Toxicological Information | Section 11 |
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|------|------|-----------|-------------|------------|
| Name | CAS# | Oral LD50 | Dermal LD50 | Vapor LC50 |
|------|------|-----------|-------------|------------|

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|---|-------------|-------------------|-------------------|-----|
| 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 |
| Titanium Dioxide | 13463-67-7 | >10,000 mg/m3 | >10,000 mg/m3 | N/D |
| Polyol solution | Proprietary | > 3280 | N/D | N/D |

Routes of Exposure Inhalation, skin, eyes, ingestion

Symptoms of Exposure *Acute:* Skin irritation, difficulty breathing, eye irritation, skin rash, nausea

Chronic: N/D

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

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| DOT Proper Shipping | |
| Name: | Not Regulated |
| Packing Group: | |
| DOT Hazard Class: | |
| DOT UN/NA Number: | Not Regulated |

Regulatory Information Section 15

CERCLA – SARA Hazard Category
Acute Health Hazard, Chronic Health Hazard

Other Information Section 16

NFPA/HMIS Rating

Health 1

Fire 1

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