

Product Identification

Section 1

Product Identifier	R0-164
Product Name	Florospartic Zero
Synonyms	Polyspartic coating primer
Product Usage	Floor coating
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 3,
Acute toxicity (Inhalation): Category 4,

Signal Word **Warning**

Pictograms



Hazard Statements H317 May cause an allergic skin reaction
H319 Causes serious eye irritation
H332 Harmful if inhaled

Precautionary Statements P331 Do NOT induce vomiting.
P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P264 Wash skin thoroughly after handling.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor
P302+P352 If ON SKIN Wash with plenty of water.
P333+313 If skin irritation or rash occurs Get medical attention.
P304+P340 IF INHALED Remove person to fresh air and keep comfortable for breathing.
P403+P233 Store in a well-ventilated place. Keep container tightly

closed.

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

Composition Information of Ingredients **Section 3**

Component	CAS No.	Weight %
Aspartic Ester	Trade Secret	80-100
Urethane Catalyst	77-58-7	<1
Propylene Carbonate	108-32-7	5-20

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.

First Aid Measures **Section 4**

General	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
Delayed	None known from this mixture

Fire Fighting Measures **Section 5**

Extinguishing Media	Carbon dioxide (CO ₂), Foam, extinguishing powder, in cases of larger fires, water spray should be used.
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. 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
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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 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>
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Methods for clean up and disposal	<p>Ventilate the contaminated area. 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.</p> <p>Do not allow to escape into waterways, wastewater or soil.</p>
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Handling and Storage	Section 7
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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>
Conditions for safe storage, including	Protect container from physical abuse. Keep the container tightly closed. Store in dry well-ventilated areas. Store this material away from

incompatibilities incompatible substances (see section 10). Do not store in open, unlabeled or mislabeled containers. Do not reuse empty containers.

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Exposure Controls/Personal Protection

Section 8

Component	CAS#	ACGIH/TLV	OSHA/PEL	*V/P
Aspartic Ester	Trade Secret	N/D	N/D	N/D
Urethane Catalyst	77-58-7	TWA: 0.1 STEL: 0.2	0.1	N/D
Propylene Carbonate	108-32-7	N/D	N/D	N/D

*Vapor Pressure limit

Engineering Controls

Local Ventilation Highly recommended. Use local and general engineering controls.

Personal Protective Equipment

Eye/Face protection Protective safety goggles and/or face shield. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection Handle with Neoprene gloves. Polyvinyl or Teflon gloves are recommended. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

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 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 >226 F
 Boiling range 468 F
 Vapor density Heavier than air
 Liquid density Heavier than water
 Volatiles volume 2.2%
 Evaporation Rate 0 x n-Butyl Acetate
 pH N/D
 Vapor pressure N/D
 Relative density 1.12
 Solubility Insoluble
 Partition coefficient N/D
 Auto Ignition temp N/D

Stability and Reactivity Section 10

Chemical stability Stable
 Hazardous reactions None
 Conditions to avoid Do not heat. Do not freeze.
 Incompatible materials Oxidizers, strong acids
 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
Aspartic Ester	Trade Secret	>2000 mg/kg (Rat)	>2000 mg/kg (Rat)	>4224 mg/kg (Rat)
Urethane Catalyst	77-58-7	210 mouse	175 rat	150 Mouse
Propylene Carbonate	108-32-7	>29000 mg/kg	>29000 mg/kg	>29000 mg/kg

Routes of Exposure Inhalation, skin, eyes, ingestion

Symptoms of *Acute*: skin irritation

Exposure *Chronic:* None known for this mixture

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 Rgulated
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 2

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.

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