

**1. Identification**

**Product Identifier** Impregnator Seal Concentrate

**Other means of identification**

**Product code** 2440

**Recommended use** Stone & grout impregnator/sealer.

**Recommended restrictions** Professional use only.

**Manufacturer/Distributor/Supplier/Importer information**

**Company name** Apeiron Stone & Concrete Care Inc.

**Address** P.O. Box 57  
Mount Vernon, VA 22121

**Telephone** (703) 780-0254

**Emergency phone number** ChemTel (800) 255-3924  
24 hour Emergency (800) 255-3924

**2. Hazard(s) Identification**

**Physical hazards** Not classified

**Health hazards** Specific Target Organ Toxicity Category 2  
– Repeated Exposure

**Environmental hazards** Not Classified

**OSHA defined hazards** Not Classified

**Label elements**



**Signal word** Warning

**Hazard statement(s)** May cause damage to liver or respiratory tract through prolonged or repeated exposure.

**Precautionary statement**

**Prevention** Do not breathe dust/fume/gas/mist/vapors/spray.

**Response** Get medical advice/attention if you feel unwell.

**Storage**

**Disposal** Dispose of contents/containers in accordance with local/regional/national/international/regulations.

**Hazard(s) not otherwise classified (HNOC)** None known.

**Supplemental information** None.

**3. Composition/information on ingredients**

**Mixtures**

Chemical name	CAS number	%
Partially fluorinated alcohol, reaction products with phosphorous oxide, ammonium salts	None	0.5-1.5
*Other components below reportable levels		90-100

**4. First-aid measures**

**Inhalation** Move to fresh air. Call a physician if symptoms develop or persist.

**Skin contact** Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.

<b>Eye contact</b>	Rinse with water. Get medical attention if irritation develops and persists
<b>Ingestion</b>	Rinse mouth. Get medical attention if symptoms occur.
<b>Most important symptoms/effects, acute and delayed</b>	Dermatitis. Rash. May cause an allergic skin reaction.
<b>Indication of immediate medical attention and special treatment needed</b>	Provide general support measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
<b>General information</b>	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

## 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ).
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Specific hazards arising from the chemical</b>	During fire, gases hazardous to health may be formed.
<b>Special protective equipment and precautions for firefighters</b>	Self-contained breathing apparatus and full protecting clothing must be worn in case of fire.
<b>Fire-fighting equipment/instructions</b>	Move containers from fire area if you can do so without risk.
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.
<b>General fire hazards</b>	No unusual fire or explosion hazards noted.

## 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Avoid inhalation of vapors or mists. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
<b>Methods and materials for containment and cleaning up</b>	This product is miscible in water.  Large spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.  Small spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.  Never return spills to original container for re-use. For waste disposal, see section 13 of the SDS.
<b>Environmental precautions</b>	Avoid discharge into areas not consistent with package labeling.

## 7. Handling and storage

<b>Precautions for safe handling</b>	Avoid breathing mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.
<b>Conditions for safe storage, including any</b>	Store in original tightly closed container. Store away from incompatible materials (see section 10 of the SDS).

incompatibilities

## 8. Exposure controls/personal protection

### Occupational exposure limits

None established.

### Biological limit values

None established.

### Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels to an acceptable level. It is recommended that users of this product perform a risk assessment to determine the appropriate personal protective equipment.

### Individual protection measures, such as personal protective equipment

#### Eye/face protection

Avoid contact with eyes. Wear safety glasses with side shields (or goggles).

#### Skin protection

##### Hand protection

Wear appropriate chemical resistant gloves.

##### Other

Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

#### Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment.

#### Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

### General hygiene considerations

When using do not smoke or use chewing tobacco. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

## 9. Physical and chemical properties

### Appearance

#### Physical State

Clear to cloudy liquid.

#### Color

Light amber.

#### Odor

Characteristic.

#### Odor threshold

Not available.

#### pH

7-8

#### Melting/freezing point

Not available.

#### Initial boiling point and boiling range

100°C (212°F)

#### Flash point

None

#### Evaporation rate

Not available.

#### Flammability

Not available.

#### Flammability Limits

##### Upper

Not available.

##### Lower

Not available.

#### Vapor pressure

Not available.

#### Vapor density

Not available.

#### Specific gravity

1.01 estimated.

#### Solubility in water

Soluble.

#### Partition coefficient (n-octanol/water)

Not available.

#### Auto-ignition temperature

Not available.

**Decomposition temperature** >200°C (392°F)  
**Viscosity** Not available.

## 10. Stability and reactivity

**Reactivity** This product is stable and non-reactive under normal conditions of use.  
**Chemical stability** Material is stable under normal conditions. Store in a cool dark place.  
**Possibility of hazardous reactions** Hazardous polymerization does not occur.  
**Conditions to avoid** To avoid thermal decomposition, do not overheat.  
**Incompatible materials** None known.  
**Hazardous decomposition products** Incompletely burned carbon products, hydrogen fluoride, carbon monoxide, carbon dioxide.

## 11. Toxicological information

### Information on likely routes of exposure

**Ingestion** Expected to be a low ingestion hazard.  
**Inhalation** Prolonged inhalation may be harmful.  
**Skin contact** Expected to be a low skin contact hazard.  
**Eye contact** Direct contact with eyes may cause temporary irritation.  
**Symptoms related to the physical, chemical and toxicological characteristics** Dermatitis. Rash.  
**Acute toxicity** Not classified.

Product	Route and Species	Test Results
Impregnator Seal Concentrate (CAS mixture)		
<b>Acute</b>	LD50, <i>Dermal</i> , rat	>5,000 mg/kg estimated
	LD50, <i>Oral</i> , rat	>5,000 mg/kg estimated

\*Estimates for product may be based on additional component data not shown

**Skin corrosion/irritation** Not classified.  
**Serious eye damage/irritation** Not classified.  
**Respiratory sensitization** Not classified.  
**Skin sensitization** Not classified.  
**Germ cell mutagenicity** This product is not expected to cause mutagenic or genotoxic effects.  
**Carcinogenicity** This product is not considered to be a carcinogen.  
**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**  
Not Listed.  
**Reproductive toxicity** This product is not expected to cause reproductive or developmental effects.  
**Specific target organ toxicity – single exposure** Not classified.  
**Specific target organ toxicity – repeated exposure** Repeated exposure may cause damage to liver and/or respiratory tract.  
**Aspiration hazard** Not available.

## 12. Ecological information

**Ecotoxicity** This product is not classified as environmentally hazardous. However this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Product	Species	EC <sub>50</sub>
Impregnator Seal Concentrate (CAS mixture)		
<b>Aquatic</b>		
Crustacea	Daphnia magna	248.85 mg/L, 48 hr estimated

\*Estimates for product may be based on additional component data not shown

<b>Persistence and degradability</b>	No data available on the degradability of this product.
<b>Bioaccumulative potential</b>	No data available.
<b>Mobility in soil</b>	No data available.
<b>Other adverse effects</b>	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

### 13. Disposal considerations

<b>Disposal instructions</b>	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Local disposal regulations</b>	Dispose in accordance with all applicable regulations.
<b>Hazardous waste code</b>	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
<b>Waste from residues/unused product</b>	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner. (see: Disposal instructions).
<b>Contaminated packaging</b>	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may contain product residue, follow label warnings even after container is emptied.

### 14. Transport information

#### DOT

Not regulated as dangerous goods

### 15. Regulatory information

#### US federal regulations

##### SARA 302 Extremely hazardous substance

Not listed.

##### SARA 304 Emergency release notification

Not listed.

##### SARA 311/312 Hazard Categories

Immediate Hazard - Yes

Delayed Hazard – No

Fire Hazard – No

Pressure Hazard – No

Reactivity Hazard – No

##### SARA 313 (TRI reporting)

Not listed.

## 16. Other information, including date of preparation or last revision

<b>Issue date</b>	4/13/2015
<b>Revision date</b>	4/13/2015
<b>Version #</b>	1
<b>HMIS® ratings</b>	Health:1 Flammability: 0 Physical hazard: 0
<b>NFPA ratings</b>	Health: 1 Flammability: 0 Instability: 0
<b>Disclaimer</b>	The information provided in this Safety Data Sheet is correct to the best of our knowledge, and have been obtained from resources believed to be reliable. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information related 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 by the text.
<b>Revision information</b>	First issue.