



Material Safety Data Sheet

Apeiron - Impregnator Seal Concentrate

Section 1: Chemical Product & Company Identification

Product Name: Apeiron Incorporated – Impregnator Seal Concentrate

Generic Identification: Water Base Grout, Stone, and Tile Sealer in concentrate form.

Company Name: Apeiron Incorporated

Address: 5350 Pioneer Creek Drive, Suite 5

Business Phone: 763-479-3866

Emergency Phone: ChemTel 800-225-3924

Prepared By: Apeiron Incorporated

Section 2: Composition of Ingredients

Component	CAS #	Weight %	OSHA PEL TWA	ACGIH PEL TWA	Notes
Water	7732-18-5	73-77%			
Proprietary Fluorinated Polymer	Trade Secret	20-32%	None Established	None Established	This substance is on the TSCA inventory list.

Section 3: Physical & Chemical Properties

Boiling Point: 212°F

Specific Gravity: 1.15

Freezing Point:

Percent Volatile:

Appearance and Odor: Clear liquid with no odor

Solubility in Water: Slight

Vapor Pressure:

Weight per Gallon: 9.6 lbs

Evaporation Rate:

Vapor Density:

pH: 6-8

Section 4: Health Hazards Identification

Based on related products, inhalation of spray or mist may cause nasal, throat, or lung irritation. Inhalation of large amounts of respirable particles may be toxic to the lungs. Symptoms may be modest initially, followed in hours by severe shortness in breath requiring prompt medical attention. Otherwise the toxicological properties are unknown. Therefore, control systems and work practices should be in place to minimize the potential for skin contact, eye contact, ingestion, or inhalation exposure when working with this product.

Carcinogenicity: NTP? No **IARC Monographs?** No **OSHA Regulated?** No

Section 5: First Aid Measures

Eye Contact: Flush eyes immediately with water for at least 15 minutes. Call a physician.

Skin Contact: Flush skin with water after contact. Wash contaminated clothing before reuse.

Ingestion: Do not induce vomiting. Immediately give 2 glasses of water. Never give anything by mouth to an unconscious person. Call a physician.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

Notes to Physicians

Activated charcoal mixture may be administered. To prepare activated charcoal mixture, suspend 50 grams activated charcoal in 400 ml water and mix thoroughly. Administer 5 ml/kg, or 350 ml for an average adult.

Section 6: Firefighting Measures

Flash Point (Method): None

Hazardous decomposition products including carbon dioxide, carbon monoxide, hydrogen fluoride, toxic gases or particles may be formed during combustion. These products may cause severe eye, nose, throat, and lung irritation or toxic effects.

Extinguishing Media: Use media appropriate for surrounding material.

Firefighting Instructions: Evacuate personnel to a safe area. Wear self-contained breathing apparatus. Avoid breathing decomposition products. Use water spray.

NFPA Rating (based on Standard 704): Health - 2 Flammability - 0 Reactivity - 0
4 = Extreme, 3 = High, 2 = Moderate, 1 = Slight, 0 = Insignificant

Personal Protection rating to be supplied by user depending on use conditions.

Section 7: Accidental Release Measures

Safeguards (Personnel)

Note: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean up.

Spill Clean Up

Soak up with sawdust, sand, oil dry or other absorbent material. Shovel or sweep up.

Accidental Release Measures

Flush spill area with water.

Section 8: Stability & Reactivity

Stability: Stable at normal temperatures and storage conditions.

Incompatibility: None reasonably foreseeable.

Hazardous Decomposition: Hazardous decomposition products including carbon dioxide, carbon monoxide, hydrogen fluoride, toxic gases or particles may be formed during combustion. These products may cause severe eye, nose, throat, and lung irritation or toxic effects

Hazardous Polymerization: Will not occur.

Section 9: Handling & Storage

Handling (Personnel)

Avoid breathing vapors or mist. Avoid contact with eyes. Wash thoroughly after handling. Do not store or consume food, drink, or tobacco in areas where they may become contaminated with this material. Avoid circumstances that produce respirable particles unless suitable ventilation and respirator are used.

Storage

Store in a well ventilated place. Keep container tightly closed.

Section 10: Exposure Controls / Personal Protection

Engineering Controls: Keep container tightly closed. Use adequate ventilation to reduce inhalation. Do not aerosolize. In spray applications, use airless type pressure spray equipment at less than 60 psi. Minimize exposure to mists and overspray.

Personal Protection: Eyes – Wear safety glasses or coverall chemical splash goggles.

Skin – Wear chemical resistant gloves/clothing and protect skin from exposure to liquid.

Ventilation – Provide adequate supply of fresh air.

Respiration – Do not inhale vapors. Use a NIOSH approved Organic Cartridge Respirator.

Section 11: Toxicological Information

This product is untested for skin and eye irritancy and is untested for animal sensitization.

Section 12: Ecological Information

The supplier of this product has not provided ecological effect studies and no information on this or similar mixtures were found in a search of the scientific literature.

Section 13: Disposal Considerations

Dispose of unused or empty container in accordance with local, state and federal regulations. Empty container may still contain product residues.



Section 14: Transportation Information

Proper Shipping Name: This product is not regulated by DOT domestic ground transportation.

D.O.T. Class: N/A

Hazard Class: N/A

UN Number: N/A

Packaging Group: N/A

Guide Number: N/A

Section 15: Regulatory Information

OSHA Compliance: This MSDS prepared in accordance with 29CFR 1910.1200 and ANSI Z400.1 standard.

TSCA: Reported/Included

SARA Title III: Acute: Yes, Chronic: No, Fire: No, Reactivity: No, Pressure: No.

CERCLA State and Local Planning (Reportable Quantities): Not required.

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