



RadonSeal® Deep-Penetrating Concrete Sealer



Read before use.

SECTION 1: Product Identification

Product Name: RadonSeal® Deep Penetrating Concrete Sealer

Product Uses: Serves as a sealer, densifier, hardener, and preservative. Designed to seal capillaries and pore spaces within concrete, aiding in reducing water vapor emission rates, capillary water seepage, and soil gases. Provides protection for rebar and fortifies concrete, contributing to the reduction of dust, cracking, and spalling. Serves as a primer for surface coatings such as paint, epoxy, and surface levelers.

Manufacturer:

Novion, Inc.
494 Bridgeport Avenue
Suite 101 336
Shelton, CT 06484-4784
USA

EMERGENCY PHONE NUMBER:

PERS Professional Emergency Response
Service Company Code 10492
1-800-633-8253 (U.S. and Canada)
1-801-629-0667 (International)

SECTION 2: Hazard Identification

Health	Category	Code	Hazard Statements
Skin irritation	3	H315	Causes skin irritation.
Serious Eye Irritation	2	H320	Causes eye irritation.
Specific Target Organ Toxicity	3	H335	May cause respiratory irritation.

Symbol

Signal Word: Warning



Precautionary Statements

Prevention: P280: Wear protective gloves, clothing, eye protection.
P261: Wash hands thoroughly after handling.
P264: Avoid breathing mist/spray.
P271: Use only outdoors or in a well-ventilated area.

General: P102: Keep out of reach of children.

Response: P302+P352: Call a POISON CENTER or physician if you feel unwell.
P304+P340: Absorb spillage to prevent material damage.
P305+P351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+P313: IF SKIN irritation occurs: Get medical advice/attention.
P362: IF eye irritation persists: Get medical advice/attention.
P337+P313: If eye irritation persists: Get medical advice/attention.

SECTION 3: Composition/Ingredient Information

Chemical Name	Cas Number	Concentration	OSHA PEL	ACGH TLV
Sodium Silicate	1344-09-8	10%-20%	2 mg/m ³ ceiling (NaOH)	2 mg/m ³ ceiling (NaOH)
Proprietary Mixture		5%-10%	NE	NE
Deionized Water	7732-18-5	70%-85%	NE	NE

SECTION 4: First Aid Measures

Eyes: Flush eyes with water for several minutes. Hold eyelids open during rinse. Remove contact lenses. Seek medical attention if irritation continues.

Skin: May cause irritation. Wash affected skin areas thoroughly with soap and water.

Ingestion: Low ingestion hazard. May cause nausea. Drink large volumes of water. Seek medical attention if symptoms develop.

Inhalation: Avoid breathing mist. May cause respiratory irritation. If irritation occurs, move to a fresh air environment. Seek medical attention if irritation continues.

SECTION 5: Fire Fighting Measures

* Product is non-flammable and non-combustible. Under normal conditions of use, this product will not cause or support fire. If fire occurs, use control measures for surrounding materials. This product is compatible with all extinguishing media.

SECTION 6: Accidental Release Measures

Contain and absorb spill. Wash area with soap and water. Product dries to form a thin glass film. Dispose of response equipment and debris in accordance with applicable regulations. Prevent entry into waterways or sewers.

SECTION 7: Handling & Storage

- **DO NOT STORE** in direct sunlight. Do not store at temperatures above 110 °F or below 40 °F. Protect from freezing.
- Keep container sealed when not in use. Mix thoroughly before use and periodically during use.
- **DO NOT STORE** in aluminum, fiberglass, copper, brass, zinc, or galvanized containers.

SECTION 8: Exposure Controls/Personal Protection

Skin Contact: Wear appropriate protective clothing to prevent repeated or prolonged contact.

Inhalation: Ensure adequate ventilation to keep mist to a minimum. If specific application requires respiratory protection, an appropriate NIOSH/MSHA approved respirator should be used.

Protective Equipment: Wear gloves, eye protection, and clothing to minimize skin contact.



Goggles



Gloves



**SECTION 9: Physical & Chemical Properties**

Physical State:	Liquid
Odor:	Slight / None
Boiling Point:	212 °F
pH Level:	4-6
Appearance:	Milky White
VOC (EPA Method 24)	< 50 g/L
Vapor Density:	N/A
Specific Gravity:	1.01
Freezing Point:	Approx. 32 °F
Evaporation Rate:	NA
Auto-Ignition Temp:	NA
Flashpoint:	>212 °F
Flammable Limits:	NA
Solids:	12-26%

SECTION 10: Stability & Reactivity

Stability: Stable

Incompatibles (materials to avoid): The liquid gels and may generate heat when mixed with acid. May react with ammonium salts resulting in the evolution of ammonia gas. Hydrogen gas may be produced on contact with aluminum, tin, lead, and zinc.

Hazardous Decomposition Products: Hydrogen.

Hazardous Polymerization: Will not occur.

Carcinogenicity: N/A

SECTION 11: Toxicological Information

Carcinogenicity: Not classified as a carcinogen.

Most probable routes of exposure during normal use are SKIN CONTACT and INHALATION of mist while applying product. Symptoms of exposure as a result of normal use are not expected.

SECTION 12: Ecological Information

Aquatic Toxicity: Product is believed to be non-toxic to aquatic life.

SECTION 13: Disposal Considerations

Disposal Method: Dispose in accordance with local, state, provincial or national regulations.

SECTION 14: Transportation Information

Non-Hazardous material. Not regulated in transportation.

DOT (USA) STATUS: Not regulated

TDG (CANADA) STATUS: Not regulated

SECTION 15: Regulatory Information

OSHA (USA) Status:	Hazardous
OSHA (PSM 29CFR 1910.119):	Not regulated
Air ICAO Status:	Not regulated
SEA IMDG Status:	Not regulated
U.S Toxic Substances Control Act (TSCA):	All components are listed on the TSCA inventory or are otherwise compliant
SARA Title III Section 312 (40 CFR311/312):	Acutely hazardous (irritant)
California Proposition 65:	None
Massachusetts Substance List:	None
New Jersey Workplace Hazardous Substance Lists:	None

SECTION 16: Other Information

All statements, technical information and recommendations contained herein are based upon available scientific test or data which we believe to be reliable since we cannot anticipate all conditions under which this information and our products or the products of other manufacturers in combination with our products may be used. Novion, Inc. makes no warranties, express or implied, and assumes no responsibility in connection with any use of this information.

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