

SECTION 1: PRODUCT IDENTIFICATION

PRODUCT NAME: RadonSeal® Deep Penetrating Concrete Sealer

PRODUCT USES: Concrete and Masonry Sealer, Concrete Block Sealer, Mortar Sealer, Concrete Waterproofing, Vapor Barrier, Radon Mitigation, Concrete Preservative, Concrete Densifier, Hardener, Dust Suppression, Primer

MANUFACTURER:
Novion, Inc.
18 L'Hermitage Drive
Shelton, CT 06484
1-800-472-0603

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

SIGNAL WORD: WARNING

SYMBOL:



Code:	Hazard Statement:	Hazard Class:	Category:
H315	Causes skin irritation	Skin irritation	3
H320	Causes eye irritation	Serious eye irritation	2
H335	May cause respiratory irritation	Specific target organ toxicity	3

PRECAUTIONARY STATEMENTS

GENERAL **P102:** Keep out of reach of children.

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

RESPONSE **P302+P352:** IF ON SKIN: Wash with plenty of soap and water.
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
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: Take off contaminated clothing and wash before reuse.
P337+p313: If eye irritation persists: Get medical advice/attention.

DISPOSAL **P501:** Dispose of contents/container in accordance with local, federal regulation.

SECTION 3: COMPOSITION/INGREDIENT INFORMATION

INGREDIENTS	% BY WEIGHT	OSHA PEL	ACGH TLV
Sodium Silicate CAS# 1344-09-8	10%-20%	2 mg/m ³ ceiling (NaOH)	2 mg/m ³ ceiling (NaOH)
Proprietary mixture	2%-6%	NE	NE
Deionized water CAS# 7732-18-5	74%-88%	NE	NE

SECTION 4: FIRST AID MEASURES

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.

EYES: Flush eyes with water for several minutes. Hold eyelids open during rinse. Remove contact lenses. 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.

SPECIAL FIRE FIGHTING MEASURES: None. Use media appropriate for surrounding fire. 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 AND STORAGE

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.

HANDLING: Wear appropriate protective equipment when handling this material. Prevent contact.

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.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Liquid	SOLIDS	12%-26%
ODOR	Slight/None	SPECIFIC GRAVITY	1.01
BOILING POINT	212°F	FREEZING POINT	Approx. 32°F
pH LEVEL	11.5	EVAPORATION RATE	N/A
APPEARANCE	Colorless liquid	AUTO-IGNITION TEMP	N/A
VOC (EPA METHOD 24)	0.0	FLASHPOINT	N/A
VAPOR DENSITY	N/A	FLAMMABLE LIMITS	N/A

SECTION 10: STABILITY AND 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



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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 in accordance with local, state, federal 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 LIST:	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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