



RadonSeal Standard & Plus

MATERIAL SAFETY DATA SHEET

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SECTION I - PRODUCT INFORMATION

PRODUCT NAME: **RadonSeal Deep-Penetrating Concrete Sealer** - "Standard" or "Plus" grades
DESCRIPTION: Aqueous silicate solution
SUPPLIER: Novion Inc.
ADDRESS: 18 L'Hermitage Drive
Shelton, CT 06484
PRODUCT USE: Concrete Sealer, Concrete Block Sealer, Mortar Sealer, Concrete Waterproofing, Vapor Barrier, Radon Blocker, Concrete Preservative, Concrete Densifier, Dust Suppression, Primer
EMERGENCY TELEPHONE NUMBER: 1-203-225-0366

SECTION II - INGREDIENTS

Ingredients	%	CAS
Sodium Silicate	10-20%	1344-09-8
Proprietary Mixture	1-5%	
Water		

SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

PHYSICAL STATE: Liquid
APPEARANCE AND ODOR: Colorless/ turbid liquid No/Very low Odor
SOLUBILITY IN WATER: Yes
FREEZING POINT: 30 °F BOILING POINT: 214 °F @ 760 mm Hg pH Factor: 7.9
COEFF. WATER/OIL: NAV EVAPORATION RATE: N/A % VOCs: 0
VAPOR DENSITY: N/A VAPOR PRESSURE: N/A

SECTION IV - FIRE AND EXPLOSION HAZARD

CONDITIONS OF FLAMMABILITY: None (Non-flammable)
HAZARDOUS COMBUSTION PRODUCTS: None
AUTOIGNITION TEMPERATURE: N/A MINIMUM IGNITION ENERGY: N/A
FLAMMABLE LIMITS: (LOWER) N/A (UPPER) N/A FIRE POINT: N/A
FLASH POINT & METHOD: N/A SENSITIVITY TO MECHANICAL IMPACT: N/A
SENSITIVITY TO STATIC DISCHARGE: N/A
SPECIAL PROCEDURES: None
MEANS OF EXTINCTION: Non-combustible

SECTION V - REACTIVITY DATA

CONDITIONS OF REACTIVITY: Product is stable.
CHEMICAL INCOMPATIBILITY: The liquid gels when mixed with acids.
CONDITIONS OF INSTABILITY: Under normal conditions, product is stable.



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HAZARDOUS DECOMPOSITION PRODUCTS: None

SECTION VI – HEALTH HAZARD DATA

ROUTES OF ENTRY: Skin contact, eye contact, inhalation, or ingestion.
EXPOSURE LIMITS: PEL - 2 mg/m³ ceiling as NaOH
TLV - 2 mg/m³ ceiling as NaOH Na₂O-SiO₂
EFFECTS OF ACUTE EXPOSURE: May cause irritation to eyes, skin, mucous membranes of the respiratory tract mouth, throat or esophagus.
EFFECTS OF CHRONIC EXPOSURE: No known chronic effects.
MUTAGENICITY: None
CARCINOGENICITY: None
IRRITANCY: Skin, eyes, respiratory, and digestive tracts
TERATOGENICITY: None
REPRODUCTIVE TOXICITY: None
SENSITIZATION: None

SECTION VII – PREVENTATIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Use NIOSH/MSHA approved respirator if spraying overhead with an airless sprayer or a paper mask for the usual low-pressure spraying. Use safety goggles for eye protection. Rubber gloves to keep hands from chapping.
ENGINEERING CONTROLS: Where mist or spray may be generated, use adequate local exhaust ventilation.
STORAGE REQUIREMENTS: Store between 40 °F and 110 °F.
HANDLING PROCEDURES/EQUIPMENT: Use normal handling procedures for liquid products.
LEAK/SPILL PROCEDURES: Use absorbent materials or mop and flush with water.
WASTE DISPOSAL: Use absorbent material and dispose of according to local or federal laws.

SECTION VIII – FIRST AID MEASURES

INHALATION: Remove to fresh air. If breathing becomes difficult, administer oxygen.
EYES: Flush with water for fifteen minutes; hold eyelids open.
SKIN: Wash with cool water for fifteen minutes.
OTHER: Swallowed: Do not induce vomiting. Drink water or milk. If conditions persist, get medical attention.

SECTION IX – PREPARATION INFORMATION

PREPARED BY: Novion Inc. DATE: revision November 2, 2009
TELEPHONE NUMBER: 1-800-472-0603 (203) 225-0366

SHELF LIFE: 2 years in manufacturer's sealed container. Product may darken with age. Always vigorously agitate or mix before using.

KEY
NAV = Not Available N/A = Not Applicable