

SECTION 1: PRODUCT IDENTIFICATION

PRODUCT NAME: DryWay Repellent Concrete Sealer

PRODUCT USES: For use on porous masonry such as concrete, bricks, stone, and mortar water-repellent and waterproof.

EMERGENCY PHONE NUMBER:

Professional Emergency Response Service
800-633-2538 (U.S. and Canada)
1-800-629-0663 (International)

SECTION 2: HAZARD IDENTIFICATION

SYMBOL (GHS): WARNING



Hazard Statement:

- H315 Skin irritation
- H319 Causes eye irritation
- H360D May affect fertility or the unborn child

PRECAUTIONARY STATEMENTS

GENERAL: Keep out of reach of children.

PREVENTION: See special instructions before use.

- P202: Do not handle until all safety precautions have been read and understood.
- P261: Avoid breathing spray.
- P264: Wash hands thoroughly after handling.
- P271: Use only outdoors or in a well-ventilated area.
- P280: Wear protective gloves/ protective clothing/ eye protection/ face protection.

- RESPONSE: IF ON SKIN Wash with plenty of soap and water.
- P305 + P351: + P338 IF IN EYES Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P308 + P313: IF exposed or concerned Get medical advice/ attention.
- P332 + P313: If skin irritation occurs Get medical advice/ attention.
- P337 + P313: If eye irritation persists Get medical advice/ attention.
- P362 + P364: Take off contaminated clothing and wash it before reuse.
- STORAGE: Keep locked up.
- DISPOSAL: Dispose of contents/container in accordance with local, federal regulation.

SECTION 3: COMPOSITION/INGREDIENT INFORMATION

CONCENTRATION

INGREDIENTS

29437501
 00541510
 Triethylsilane
 Dioxane with aminoethylaminopropyl silsesquioxane, hydroxy-term



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Ethoxylated lauryl alcohol	9002-92-0	1-5
Octamethylcyclotetrasiloxane	556-67-2	0.1-1
Methanol	67-56-1	0.1-1
Hexadecyltrimethyl ammonium chloride	112-02-7	0.1-1

SECTION 4: FIRST AID MEASURES

SKIN: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.

INHALATION: If inhaled, remove to fresh air. Get medical attention if symptoms occur.

INGESTION: If swallowed, DO NOT induce vomiting. Get medical attention if symptoms occur. Rinse mouth with water.

EYES: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lens, if worn. Get medical attention.

Most important symptoms and effects, both acute and delayed: Causes skin irritation. Causes serious eye irritation. Suspected of damaging fertility or the unborn child

SECTION 5: FIRE FIGHTING MEASURES

Product is non-flammable and non-combustible. Under normal conditions of use, this product will not cause / 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 90 °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 with strong oxidizing agents

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

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with Workplace Controls

Ingredient	CAS-No.	Value	Permissible Concentration	Source
Octamethylcyclotetrasiloxane	556-67-2	TWA	10 ppm	DCC OEL
Methanol	67-56-1	TWA	200 ppm	ACGIH
		STEL	250 ppm	ACGIH
		TWA	200 ppm / 260 mg/m ³	NIOSH
		ST	250 ppm / 325 mg/m ³	NIOSH
		TWA	200 ppm / 260 mg/m ³	OSHA



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Exposure Limits for Decomposition Products

Ingredient	CAS-No.	Value	Permissible Concentration	Source
Methanol	67-56-1	TWA	200 ppm	ACGIH
		STEL	250 ppm	ACGIH
		TWA	200 ppm / 260 mg/m ³	NIOSH
		ST	250 ppm / 325 mg/m ³	NIOSH
		TWA	200 ppm / 260 mg/m ³	OSHA
Ethanol	64-17-5	TWA	1,000 ppm / 1,900 mg/m ³	NIOSH
		TWA	1,000 ppm / 1,900 mg/m ³	OSHA
		STEL	1,000 ppm	ACGIH

PROTECTIVE EQUIPMENT: Wear gloves, eye protection, and clothing to minimize skin contact.

SKIN CONTACT: Wear appropriate protective clothing to prevent repeated or prolonged contact.

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

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	6	EVAPORATION RATE	N/A
APPEARANCE	White / Milky	AUTO-IGNITION TEMP	N/A
VOC (EPA METHOD 24)	0.0	FLASHPOINT	>212 °F
VAPOR DENSITY	N/A	FLAMMABLE LIMITS	N/A

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.

POSSIBILITY OF HAZARDOUS REACTIONS: Use at elevated temperatures may form highly hazardous compounds. Can react with strong oxidizing agents. Hazardous decomposition products will be formed upon contact with water or humid air. Hazardous decomposition products will be formed at elevated temperatures.

HAZARDOUS DECOMPOSITION PRODUCTS: Methanol and Ethanol.

HAZARDOUS POLYMERIZATION: Will not occur

INCOMPATIBLE MATERIALS: Strong oxidizing agents, water

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 typical.

ACUTE ORAL TOXICITY: >5,000 mg/kg



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ACUTE INHALATION TOXICITY: > 40 mg/
ACUTE DERMAL TOXICITY: >5,000 mg/l
REPRODUCTIVE TOXICITY Suspected of damaging fertility or the unborn child.
Octamethylcyclotetrasiloxane:
Test Type: Two-generation reproduction toxicity study. Species: Rat, male and female. Application Route: Inhalation (vapor). Symptoms: Effects on fertility.
Reproductive Toxicity Assessment: Some evidence of adverse effects on sexual function and fertility, based on animal experiments.
Methanol:
Test Type: Embryo-fetal development. Species: Mouse. Application Route: Ingestion. Method: OECD Test Guideline 414. Result: Positive.
Remarks: The effects were seen only at maternally toxic doses.

SECTION 12: ECOLOGICAL INFORMATION

Triethoxyoctylsilane

Toxicity to daphnia and other aquatic invertebrates: EC50 (Daphnia sp.) > 0.049 mg/l Exposure time 48 h
Method OECD Test Guideline 202
Remarks: No toxicity at the limit of solubility.

Ethoxylated lauryl alcohol:

Toxicity to fish LC50 (Danio rerio (zebra fish)) > 1 - 10 mg/l Exposure time 96 h
Toxicity to daphnia and other aquatic invertebrates EC50 (Daphnia magna (Water flea)) > 1 - 10 mg/l Exposure time 48 h
Remarks: Based on data from similar materials
Toxicity to algae EC50 (green algae) > 0.1 – 1 mg/l Exposure time 72 h
Remarks Based on data from similar materials

M-Factor (Acute aquatic toxicity) 1

Methanol:

Toxicity to fish LC50 (Lepomis macrochirus (Bluegill sunfish)) 15,400 mg/l Exposure time 96 h
Toxicity to daphnia and other aquatic invertebrates EC50 (Daphnia magna (Water flea)) > 10,000 mg/l Exposure time 48 h
Toxicity to algae EC50 (green algae) 22,000 mg/l Exposure time 96 h Method OPPTS 850.5400
Toxicity to fish (Chronic) NOEC (Oryzias latipes (Orange-red killifish)) 15,800 mg/l Exposure time 200 h

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal in accordance with local, state, federal regulations.
This product does meet the RCRA criteria for hazardous waste when discarded in its purchased form.

SECTION 14. TRANSPORTATION INFORMATION

Non-Hazardous material. Not regulated in transportation.
DOT (USA) STATUS: Not regulated
TDG (CANADA) STATUS: Not regulated
AIR ICAO STATUS: Not Regulated
SEA IMDG STATUS: Not regulated



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SECTION 15. REGULATORY INFORMATION

CERCLA Reportable Quantity

Ingredients	CAS-No.	Component RQ	Calculated Product RQ
Methanol	67-56-1	5000	*
Acetaldehyde	75-07-0	1000	*
2-Butanol	4170-30-3	100	*

SARA 304 Extremely Hazardous Substances Reportable Quantity

Ingredients	CAS-No.	Component RQ	Calculated Product RQ
2-Butenal	4170-30-3	100	*
Vinyl acetate	108-05-4	5000	*

* Calculated RQ exceeds reasonably attainable upper limit.

SARA 311/312: Acute Health Hazard / Chronic Health Hazard

SARA 302: No chemicals in this product are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313: This material does not contain any chemical compounds with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

US STATE REGULATIONS

NEW JERSEY

Dimethyl siloxane with aminoethylaminopropyl silsesquioxane, hydroxy-term	68554-54-1	
Triethoxyoctylsilane	2943-75-1	10 - 20 %
Methanol	67-56-1	0.1 - 1.0 %
Dimethyl, methoxyphenyl siloxane with phenyl silsesquioxane methoxy-terminated	68957-04-0	30 - 50 %
Dimethyl siloxane, hydroxi-terminated	70131-76-8	

CALIFORNIA PROP 65

WARNING: This product contains a chemical known to the state of California to cause cancer: Acetaldehyde

WARNING: This product contains a chemical known to the state of California to cause birth defect or other reproductive harm: Methanol

TSCA: All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances

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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