

# SAFETY DATA SHEET

## Section 1 – Product And Company Identification

### PRODUCT

**PRODUCT NAME:** 3104 PRIMESEAL  
**PRODUCT DESCRIPTION:** Preparation/Mixture  
**PRODUCT USE:** Clear, nonyellowing protective film with good durability and excellent cleanability for new or old concrete surfaces.

### MANUFACTURER INFORMATION

**INNOVATIVE MANUFACTURING INC**  
 861 DERWENT WAY  
 DELTA, BC, CANADA, V3M 5R4  
 (604) 522-2811

### EMERGENCY INFORMATION

**INNOVATIVE MANUFACTURING CONTACT:** 1-800-667-8246  
**24-HOUR EMERGENCY AND SDS HELP:** CANUTEC: 613-966-6666

## Section 2 – Hazards Identification

### GHS Hazard Classification

Acute toxicity - Oral	Category 4
Acute toxicity - Dermal	Category 4
Acute toxicity - Inhalation (Vapors)	Category 4
Skin corrosive/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Specific target organ toxicity (single exposure)	Category 3



### Signal word

Warning

### Hazard Statement:

H315 Causes skin irritation.  
 H319 Causes serious eye irritation.  
 H335 May cause respiratory irritation.

### Precautionary Statements:

#### Prevention

P261 Avoid breathing dust/fume/gas/mist/vapours/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

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
 P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P312 Call a POISON CENTER or doctor/physician if you feel unwell.  
 P321 Specific treatment (see supplemental first aid on label).  
 P332 + P313 If skin irritation occurs: Get medical advice/attention.  
 P337 + P313 If eye irritation persists: Get medical advice/attention.  
 P363 Wash contaminated clothing before reuse.

#### Storage

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.  
 P405 Store locked up.

#### Disposal

P501 Dispose of contents/container: Follow the waste disposal requirements of your country, state, or local authorities.

**HAZARDS NOT OTHERWISE CLASSIFIED (HNOC)**

Not applicable

Unknown acute toxicity 0% of the mixture consists of ingredient(s) of unknown toxicity

**Section 3 – Composition/Information on Ingredients**

COMPONENTS	CAS No.	% BY WEIGHT
Water	7732-18-5	60-70
Acrylic Polymers	NA-Mixture	23-28
2,2,4-trimethyl-1,3-pentanediol monoisobutyrate	25266-77-4	1-4
2-butoxyethanol	111-76-2	1-3

**Section 4 – First Aid Measures****Description of First Aid Measures**

<b>Eye Contact</b>	Immediately flush eyes with plenty of cool water for at least 20 minutes, occasionally lifting the eye lids to ensure thorough rinsing. Get medical attention if irritation persists.
<b>Skin Contact</b>	Wash thoroughly with soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing before reuse. In the case of skin irritation or allergic reactions see a physician.
<b>Inhalation</b>	Move to fresh air in case of accidental inhalation of vapors. If continued difficulty with breathing is experienced, get immediate medical attention.
<b>Ingestion</b>	If swallowed, do not induce vomiting. Get immediate medical attention. Never give anything by mouth to an unconscious person.

**Most important symptoms and effects, both acute and delayed****Symptoms**

<b>Inhalation</b>	May cause respiratory tract irritation.
<b>Skin contact</b>	Causes skin irritation.
<b>Eye contact</b>	Causes eye irritation.
<b>Ingestion</b>	May be harmful if swallowed.

Self-protection of the first aider Pay attention to self-protection.

Indication of any immediate medical attention and special treatment needed Immediately seek medical advice or attention if symptoms are significant or persist.

Note to physicians Treat symptomatically

**Section 5 – Fire Fighting Measures**

<b>Flammability of the product:</b>	This is a water-based product and presents no particular fire or explosion hazard. Dry polymer film will burn. Product contains low levels of organic volatiles which may be emitted at elevated temperatures.
<b>Suitable extinguishing media</b>	Use alcohol resistant foam, carbon dioxide, dry chemical, or water fog or spray when fighting fires involving this product.
<b>Unsuitable extinguishing media</b>	No information available
<b>Special hazards arising from the substance or mixture</b>	No information available
<b>Protective actions fire-fighters</b>	As in any fire, wear self-contained breathing apparatus (SCBA), MSHA/NIOSH (approved or equivalent) and full protective gear.

**Section 6 – Accidental Release Measures**

**Personal precautions, protective equipment, and emergency procedures** Evacuate area and keep unnecessary and unprotected personnel from entering the spill area. Use proper personal protective equipment as listed in Section 8.

**Environmental precautions** Avoid runoff into storm sewers, ditches, and waterways.

**Methods and materials for containment and cleaning up**

**Methods for containment** Contain spills with an inert absorbent material such as soil or sands. Prevent from spreading by covering, diking or other means. Provide ventilation.

**Methods for cleaning up** Clean up spills immediately observing precautions in the protective equipment section. Place into a suitable container for disposal. Provide ventilation. After removal, flush spill area with soap and water to remove trace residue.

**Section 7 – Handling and Storage**

**Precautions for safe handling** Handle in accordance with good industrial hygiene and safety practices. Do not eat, drink, or smoke while handling this product. Wash thoroughly after handling. Avoid breathing vapors/mists generated by this product. Use in a well-ventilated location.

**Conditions for safe storage, including any incompatibilities** Store in a cool, dry, well ventilated area away from sources of heat, combustible materials, and incompatible substances. Keep container tightly closed when not in use. Do not store container in direct sunlight or above 38°C(100°F).

**Incompatible Products** Oxidizing agents. Strong acids and alkalis.

**Section 8 – Exposure Controls / Personal Protection****Control Parameters****Exposure Guidelines**

Components	ACGIH TLV	OSHA PEL	NIOSH REL
2-butoxyethanol 111-76-2	20 ppm, TWA	50 ppm, TWA 240 mg/m <sup>3</sup> , TWA	5 ppm, TWA 240 mg/m <sup>3</sup> , TWA

**Appropriate engineering control**

**Engineering Controls** Use appropriate engineering control such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Good general ventilation should be sufficient to control airborne levels. Where such systems are not effective wear suitable personal protective equipment, which performs satisfactorily and meets OSHA or other recognized standards. Consult with local procedures for selection, training, inspection and maintenance of the personal protective equipment.

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection** Wear appropriate protective glasses or splash goggles as described by 20 CFR1910.133, OSHA eye and face protection regulation, or the European standard EN 166.

**Skin/Body Protection** Chemical-resistant gloves and chemical goggles, face-shield and synthetic apron or coveralls should be used to prevent contact with eyes, skin or clothing.

**Respiratory Protection** A NIOSH approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

**Other Protective** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

**Section 9 – Physical and Chemical Properties**

	PRODUCT CRITERIA
PHYSICAL STATE	Liquid
APPEARANCE - COLOR	Milky white
ODOR	Slight
ODOR THRESHOLD	No data available
PH	8-9
MELTING POINT/FREEZING POINT	< 0°C
INITIAL BOILING POINT AND BOILING RANGE	> 100°C
FLASH POINT	No data available
EVAPORATION RATE	No data available
FLAMMABILITY (solid, gas)	No data available
UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS	No data available
VAPOR PRESSURE	No data available
VAPOR DENSITY (AIR=1)	No data available
SPECIFIC GRAVITY(@25°C)	1.014
SOLUBILITY	No data available
AUTO IGNITION TEMPERATURE	No data available
DECOMPOSITION TEMPERATURE	No data available
VISCOSITY	No data available
VOC CONTENT	193 g/L

**Section 10 – Stability and Reactivity**

<b>Reactivity:</b>	No dangerous reaction known under conditions of normal use.
<b>Chemical Stability:</b>	Stable under recommended storage and handling conditions.
<b>Possibility of Hazardous Reactions:</b>	No dangerous reaction known under conditions of normal use.
<b>Conditions to Avoid:</b>	Heat, flames, incompatible materials and freezing or temperature below 0°C (32°F).
<b>Incompatibility (Materials to Avoid):</b>	Oxidizing agents. Strong acids and alkalis.
<b>Hazardous Decomposition Products:</b>	None known based on information supplied.

**Section 11 – Toxicological Information**

GHS Required Criteria	Toxicity Criteria	Toxicity Information	Commen	Chemical Constituent	
<b>Acute Toxicity</b>	LD50 (Oral/Rat)	6500 mg/kg		2,2,4-trimethyl-1,3-pentanediol monoisobutyrate	
	LC50 (Inhalation/Rat male)	>3.55 mg/l 6 hours			
	LD50 (Dermal/Rabbit)	>15200 mg/kg			
		LD50 (Oral/Rat)	>1300 mg/kg		2-butoxyethanol
		LC50 (Inhalation/Rat male)	>3.9 mg/l 4 hours		
		LD50 (Dermal/Rabbit)	>2000 mg/kg		
<b>Skin Corrosion/Irritation</b>	Irritating to skin		Cat 2	Based on information of the components	
<b>Serious Eye Damage / Eye Irritation</b>	Severely irritating to eyes		Cat 2A		
<b>Respiratory or Skin Sensitization</b>	Not classified, no data available				
<b>Germ Cell Mutagenicity</b>	No evidence of mutagenic effects				
<b>Carcinogenicity</b>	Not classified, no data available				
<b>Reproductive Toxicity</b>	No evidence of reproductive effects				
<b>STOT - Single Exposure</b>	May cause respiratory irritation		Cat 3		
<b>STOT - Repeated Exposure</b>	Based on available data, not expected				
<b>Aspiration Hazard</b>	Not classified, no data available				
<b>Ames Test</b>	No data available				

**Section 12 – Ecological Information**

<b>Ecotoxicity</b>	This material may be toxic to aquatic organisms and should be kept out of sewage and drainage systems and all bodies of water. The environmental impact of this product has not been fully investigated.
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## ECOTOXICITY DATA

Ecotoxicity	Chemical Name	
	2-butoxyethanol 111-76-2	
Toxicity to algae	EC50 / 96 h or 72 h	1840 mg/L/72 hours (Green algae)
	NOEC / 96 h or 72 h	0.16 mg/L (Green algae)
	M factor	-
Toxicity to fish	LC 50 / 96 h	1474 mg/L (Oncorhynchus mykiss)
	NOEC / 21 days	>100 mg/l (Danio rerio)
	M factor	-
Toxicity to Daphnia	EC50 / 48 h	1550 mg/L (Water flea)
	NOEC / 21 days	100 mg/L (Water flea)
	M factor	-
2,2,4-trimethyl-1,3-pentanediol monoisobutyrate 25266-77-4		
Toxicity to algae	EC50 / 96 h or 72 h	15 mg/L/72 hours (Green algae)
	NOEC / 96 h or 72 h	-
	M factor	-
Toxicity to fish	LC 50 / 96 h	33 mg/L (FatheadMinnow)
	NOEC / 21 days	-
	M factor	-
Toxicity to Daphnia	EC50 / 48 h	147.8 mg/L (Water flea)
	NOEC / 21 days	-
	M factor	-

## Persistence and Degradability

No further relevant information available.

## Bioaccumulative potential

Product/Ingredient Name	Log Pow	BCF	Potential
2-butoxyethanol	0.81	-	Low
2,2,4-trimethyl-1,3-pentanediol monoisobutyrate	2.34 to 3.2	-	Low

## Mobility in Soil

No further relevant information available.

## Other Adverse Effects

No further relevant information available.

## Section 13 – Disposal Considerations

## Waste Disposal

The packaging and material may be land filled. This product is not classified as a hazardous waste under the authority of the RCRA (40CFR 261) or CERCLA (40CFR 117&302). Dispose of waste according to local, state/provincial, and federal requirements.

## Contaminated Materials

Disposal must be made in accordance with local, state and federal regulations.

## Container Disposal

Disposal must be made in accordance with local, state and federal regulations.

## Recommended cleaning agent

Water, if necessary with cleansing agents.

## Section 14 – Transportation Information

## DOT

Not Regulated as a hazardous material for transport

## TDG

Not Regulated as a hazardous material for transport

## IATA

Not Regulated as a hazardous material for transport

## IMDG

Not Regulated as a hazardous material for transport

## Section 15 – Regulatory Information

## Safety, Health and Environmental Regulations/Legislations Specific for the Chemical

## Canada

## WHMIS Classification:

This document complies with the WHMIS 2015 requirements of the Hazardous Products Act (HPA) and the CPR.

## US Federal Information

## SARA 302/311/312/313 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302, 311,312 or 313.

<b>RCRA</b>	Not classified as a hazardous substance under the Resource Conservation and Recovery Act, or its regulations, 40 CFR.261.
<b>CERCLA</b>	Not classified as a hazardous substance under regulations of the Comprehensive Environmental Response Compensation and Liability Act (CERCLA), 40 CFR.302.
<b>Emergency Planning and Community Right-to-Know Act (SARA Title III):</b>	Not an extremely hazardous substance under Section 302 and is not a toxic chemical subject to the requirements of Section 313.
<b>NTP</b>	Not classified.
<b>OSHA Carcinogen</b>	Not listed.
<b>State Right to Know Laws</b>	<p><b>California Prop. 65 Components</b></p> <p><b>Warning:</b> This product does not contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.</p>
<b>Global Inventories</b>	<p><b>DSL:</b> All components of this product are on the Canadian DSL list.</p> <p><b>TSCA No:</b> All constituents are listed in the TSCA inventory.</p>

### Section 16 – Other Information

#### HMIS Rating:

Health	1
Flammability	0
Physical Hazard	0
Personal Protection	x

#### NFPA Rating:

Health	1
Flammability	0
Instability	0
Special	-

#### Issue Date:

#### Supersedes:

#### Prepared By:

June 30, 2021  
November 03, 2016  
Joey Wang

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