Safety Data Sheet
ULTRACARE PENETRATING PLUS STONE, TILE AND GROUT SEALER
Safety Data Sheet dated: 09/24/2025 - version 6
Date of first edition: 05/18/2017

1. Identification

Product identifier

Mixture identification:

Trade name: ULTRACARE PENETRATING PLUS STONE, TILE AND GROUT SEALER

Trade code: 9011534

Recommended use and restrictions on use

Recommended use: Sealant

Restrictions on use: Not available

Supplier's details

Company: MAPEI INC. (Canada)
2900 Francis-Hughes Avenue
H7L 3J5 - Laval - QC - CAN

Phone: 1-450-662-1212

Responsable: RDProductSafety@mapei.com

Emergency phone number

Emergency Number (USA/Canada) CHEMTREC 1(800) 424-9300 / 1(703) 527-3887

Emergency Transport CANUTEC (Canada) 1-613-996-6666

2. Hazard identification

Classification of the product

Chronic (long-term) aquatic hazard - Category 3	Harmful to aquatic life with long lasting effects.

Label elements

Hazard statements

H412	Harmful to aquatic life with long lasting effects.

Precautionary statements

P273	Avoid release to the environment.
P501	Dispose of contents/container in accordance with applicable regulations.

Other hazards

None

Ingredient(s) with unknown acute toxicity

None

3. Composition/information on ingredients

Substances

Not Relevant

Mixtures

Hazardous components within the meaning of WHMIS 2015 (HPR and its amendments) and related classification:

List of components

Qty	Name	Ident. Numb.	Classification
≥1 - <2.5 %	3-butoxypropan-2-ol; propylene glycol monobutyl ether	CAS:5131-66-8 EC:225-878-4 Index:603-052-00-8	Skin Irrit. 2, H315; Eye Irrit. 2A, H319; Flam. Liq. 4, H227
≥1 - <2.5 %	ethylene glycol monobutyl ether	CAS:111-76-2 EC:203-905-0 Index:603-014-00-0	Acute Tox. 3, H331; Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2A, H319
≥0.6 - <1 %	substituted alkyl phosphate esters, ammonium salts	CAS:PMN: P090645 Index:ASN: 265259	STOT RE 2, H373; Aquatic Acute 3, H402; Aquatic Chronic 1, H410; Acute Tox. 1, H330

The actual concentration of the components listed above is withheld as a trade secret.

Declared percentages are expressed in w/w

4. First-aid measures

Description of necessary first-aid measures

In case of skin contact:

Wash with plenty of water and soap.

In case of eyes contact:

Wash immediately with water.

In case of Ingestion:

Do not induce vomiting, get medical attention showing the SDS and the hazard label.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

Most important symptoms/effects, acute and delayed

Not available

Indication of immediate medical attention and special treatment needed, if necessary

Treatment: Not available

(see paragraph 4.1)

5. Fire-fighting measures

Suitable and unsuitable extinguishing media

Suitable extinguishing media:

Water.

Carbon dioxide (CO_2).

Unsuitable extinguishing media:

None in particular.

Specific hazards arising from the hazardous product

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

Hazardous combustion products: Not available

Explosive properties: Not available

Oxidizing properties: Not available

Special protective equipment and precautions for fire-fighters

Use suitable breathing apparatus.

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Remove persons to safety.

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Limit leakages with earth or sand.

Methods and material for containment and cleaning up

Suitable material for taking up: absorbing material, organic, sand

Retain contaminated washing water and dispose it.

7. Handling and storage

Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Don't use empty container before they have been cleaned.

Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

Wash skin thoroughly after handling.

See also section 8 for recommended protective equipment.

Conditions for safe storage, including any incompatibilities

Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Adequately ventilated premises.

Storage temperature: Not available

8. Exposure controls/personal protection

Control parameters

Occupational Exposure Limits (OEL)

	OEL Type	Country	Occupational Exposure Limit
ethylene glycol monobutyl ether CAS: 111-76-2	MAK	GERMANY	Long Term: 49 mg/m3 - 10 ppm
	OSHA		Long Term: 240 mg/m3 - 50 ppm prevent or reduce skin absorption;
	ACGIH		Long Term: 20 ppm A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans;eye and upper respiratory tract irritation;
	MAK	AUSTRIA	Long Term: 98 mg/m3 - 20 ppm; Short Term: 200 mg/m3 - 40 ppm
	MAK	SWITZERLAND	Long Term: 49 mg/m3 - 10 ppm
	OSHA		Long Term: 240 mg/m3 - 50 ppm prevent or reduce skin absorption
	ACGIH		Long Term: 20 ppm A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans;eye and upper respiratory tract irritation
	EU		Long Term: 98 mg/m3 - 20 ppm; Short Term: 246 mg/m3 - 50 ppm Skin

Biological limit values

ethylene glycol monobutyl ether CAS: 111-76-2	Biological Indicator: Butoxyacetic acid (BAA); Sampling Period: End of turn Value: 200 MGGCREAT; Medium: Urine

Predicted No Effect Concentration (PNEC) values

3-butoxypropan-2-ol; propylene glycol monobutyl ether CAS: 5131-66-8	Exposure Route: Fresh Water; PNEC Limit: 0,525 mg/l
	Exposure Route: Marine water; PNEC Limit: 0,0525 mg/l
	Exposure Route: Intermittent release; PNEC Limit: 5,25 mg/l
	Exposure Route: Microorganisms in sewage treatments; PNEC Limit: 10 mg/l
	Exposure Route: Freshwater sediments; PNEC Limit: 2,36 mg/kg
	Exposure Route: Marine water sediments; PNEC Limit: 0,236 mg/kg
	Exposure Route: Soil; PNEC Limit: 0,16 mg/kg

Derived No Effect Level (DNEL) values

3-butoxypropan-2-ol; propylene glycol monobutyl ether CAS: 5131-66-8	Exposure Route: Human Inhalation; Exposure Frequency: Long Term, systemic effects Worker Industry: 270,5 mg/m3
	Exposure Route: Human Dermal; Exposure Frequency: Long Term, systemic effects Worker Industry: 44 mg/kg
	Exposure Route: Human Oral; Exposure Frequency: Long Term, systemic effects Consumer: 8,75 mg/kg
	Exposure Route: Human Inhalation; Exposure Frequency: Long Term, systemic effects Consumer: 33,8 mg/m3
	Exposure Route: Human Dermal; Exposure Frequency: Long Term, systemic effects Consumer: 16 mg/kg

Appropriate engineering controls

Not available

Individual protection measures, such as personal protective equipment (PPE)

Eye protection:

Not needed for normal use. Anyway, operate according good working practices.

Protection for skin:

No special precaution must be adopted for normal use.

Protection for hands:

Suitable materials for safety gloves; 29 CFR 1910.138 - ANSI/ISEA 105:

Polychloroprene - CR: thickness >=0,5mm; breakthrough time >=480min.

Nitrile rubber - NBR: thickness >=0,35mm; breakthrough time >=480min.

Butyl rubber - IIR: thickness >=0,5mm; breakthrough time >=480min.

Fluorinated rubber - FKM: thickness >=0,4mm; breakthrough time >=480min.

Use impervious gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

Respiratory protection:

Respiratory protection must be used where exposure levels exceed workplace exposure limits. Refer to 29 CFR 1910.134 - CSA Z94.4 for information on selection and use of appropriate respiratory protection equipment.

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state: Liquid

Appearance and colour: liquid White

Odour: Characteristic

Odour threshold: No data available

Melting point / freezing point: No data available

Initial boiling point and boiling range: 100 °C (212 °F)

Flammability: N.A.

Upper/lower flammability or explosive limits: No data available

Flash point: 95 °C (203 °F)

Auto-ignition temperature: No data available

Decomposition temperature: No data available

pH: 7.52

Viscosity: No data available

Kinematic viscosity: > 20,5 mm2/sec (40 °C) mm2/s

Solubility in water: dispersible

Solubility in oil: insoluble

Partition coefficient (n-octanol/water): No data available

Vapour pressure: No data available

Evaporation rate: No data available

Relative density: 1.00 g/cm3

Vapour density: No data available

Particle characteristics:

Particle size: No data available

Other information

Explosive properties: No data available

Oxidizing properties: No data available

Solid/gas flammability: No data available

Substance Groups relevant properties: No data available

Miscibility: No data available

Fat Solubility: No data available

Conductivity: No data available

10. Stability and reactivity

Reactivity

Stable under normal conditions

Chemical stability

Data not available.

Possibility of hazardous reactions

None.

Conditions to avoid

Stable under normal conditions.

Incompatible materials

None in particular.

Hazardous decomposition products

None.

11. Toxicological information

Information on toxicological effects

Likely routes of exposure:

Skin contact, skin absorption, eye contact, inhalation and ingestion.

Toxicological Information of the Preparation

a) acute toxicity	Not classified
	Based on available data, the classification criteria are not met
b) skin corrosion/irritation	Not classified
	Based on available data, the classification criteria are not met
c) serious eye damage/irritation	Not classified
	Based on available data, the classification criteria are not met
d) respiratory or skin sensitisation	Not classified
	Based on available data, the classification criteria are not met
e) germ cell mutagenicity	Not classified
	Based on available data, the classification criteria are not met
f) carcinogenicity	Not classified
	Based on available data, the classification criteria are not met
g) reproductive toxicity	Not classified
	Based on available data, the classification criteria are not met
h) STOT-single exposure	Not classified
	Based on available data, the classification criteria are not met
i) STOT-repeated exposure	Not classified
	Based on available data, the classification criteria are not met
j) aspiration hazard	Not classified
	Based on available data, the classification criteria are not met

Toxicological information on main components of the mixture:

3-butoxypropan-2-ol; propylene glycol monobutyl ether	a) acute toxicity	LD50 Oral Rat = 3300 mg/kg
		LD50 Skin Rat > 2000 mg/kg
		LC50 Inhalation Vapour Rat > 3,4 mg/l 4h
		LD50 Oral Rat = 1900 mg/kg
		LD50 Skin Rat > 2000 mg/kg
	b) skin corrosion/irritation	Skin Irritant Rabbit Positive
	e) germ cell mutagenicity	NOAEL Oral Rat = 880 mg/kg
		NOAEL Inhalation Vapour Rat = 880 mg/kg
	f) carcinogenicity	NOAEL Inhalation Rat = 3000 ppm
		NOAEL Rat = 3000 ppm
	g) reproductive toxicity	NOAEL Inhalation Rat = 100 mg/kg
		NOAEL Inhalation Rat = 1000 mg/kg
		NOAEL Rat = 1000 mg/kg
		NOAEL Rat = 100 mg/kg
ethylene glycol monobutyl ether	a) acute toxicity	LD50 Oral Guineapig = 1414, mg/kg

Substance(s) listed on the IARC Monographs:

ethylene glycol monobutyl ether Group 3

Substance(s) listed as OSHA Carcinogen(s):

None

Substance(s) listed as NIOSH Carcinogen(s):

None

Substance(s) listed on the NTP report on Carcinogens:

None

12. Ecological information

Ecotoxicity

Adopt good working practices, so that the product is not released into the environment.

List of Eco-Toxicological properties of the product

The product is classified: Chronic (long-term) aquatic hazard - Category 3(H412)

List of Eco-Toxicological properties of the components

Component	Ident. Numb.	Ecotox Data
3-butoxypropan-2-ol; propylene glycol monobutyl ether	CAS: 5131-66-8 - EINECS: 225-878-4 - INDEX: 603-052-00-8	a) Aquatic acute toxicity : LC50 Fish > 100 mg/L 96
		a) Aquatic acute toxicity : EC50 Daphnia > 1000 mg/L 48
		a) Aquatic acute toxicity : EC50 Algae > 1000 mg/L 96
		c) Bacteria toxicity : EC50 > 1000 mg/L 3
ethylene glycol monobutyl ether	CAS: 111-76-2 - EINECS: 203-905-0 - INDEX: 603-014-00-0	a) Aquatic acute toxicity : LC50 Fish Lepomis macrochirus = 1490 mg/L 96h EPA
		a) Aquatic acute toxicity : EC50 Daphnia Daphnia magna > 1000 mg/L 48h EPA
		a) Aquatic acute toxicity : LC50 Fish Lepomis macrochirus = 2950 mg/L 96h IUCLID

Persistence and degradability

N.A.

Bioaccumulative potential

N.A.

Mobility in soil

N.A.

Other adverse effects

N.A.

13. Disposal considerations

Safe handling and methods for disposal

The generation of waste should be avoided or minimized wherever possible. Recover if possible.

Methods of disposal:

Disposal of this product, solutions, packaging and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Dispose of surplus and nonrecyclable products via a licensed waste disposal contractor.

Do not dispose of waste into sewers.

Disposal considerations:

Do not allow to enter drains or watercourses.

Dispose of product according to all federal, state and local applicable regulations.

If this product is mixed with other wastes, the original waste product code may no longer apply and the appropriate code should be assigned.

Dispose of containers contaminated by the product in accordance with local or national legal provisions. For further information, contact your local waste authority.

Special precautions:

This material and its container must be disposed of in a safe way. Care should be taken when handling untreated empty containers.

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Empty containers or liners may retain some product residues. Do not re-use empty containers.

14. Transport information

Not classified as dangerous in the meaning of transport regulations.

UN number

TDG-UN number: Not Applicable
ADR-UN number: Not Applicable
DOT-UN Number: Not Applicable
IATA-Un number: Not Applicable
IMDG-Un number: Not Applicable

UN proper shipping name

TDG-Shipping Name: Not Applicable
ADR-Shipping Name: Not Applicable
DOT-Proper Shipping Name: Not Applicable
IATA-Shipping Name: Not Applicable
IMDG-Shipping Name: Not Applicable

Transport hazard class(es)

TDG-Class: Not Applicable
ADR-Class: Not Applicable
DOT-Hazard Class: Not Applicable
IATA-Class: Not Applicable
IMDG-Class: Not Applicable

Packing group

TDG-Packing Group: Not Applicable
ADR-Packing Group: Not Applicable
DOT Packing Group: Not Applicable
IATA-Packing group: Not Applicable
IMDG-Packing group: Not Applicable

Environmental hazards

Marine pollutant: No
Environmental Pollutant: Not Applicable
DOT-RQ: No
Not Applicable

Special precautions in connection with transport or conveyance

TDG:

Not Applicable

Department of Transportation (DOT):

Not Applicable

Road and Rail (ADR-RID):

Not Applicable

Air (IATA):

Not Applicable

Sea (IMDG):

Not Applicable

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15. Regulatory information

Canada - Federal regulations

This Safety Data Sheet has been prepared according to the WHMIS Hazardous Products Regulations (SOR/2015-17 as amended by SOR/2022-272).

DSL - Domestic Substances List

All the substances are listed in the DSL.

NDSL - Non Domestic Substances List

This product complies with NDSL inventory

NPRI - National Pollutant Release Inventory

NPRI (National Pollutant Release Inventory) - List of substances listed.

No substances listed

USA - Federal regulations

TSCA - Toxic Substances Control Act

All the components are listed on the TSCA inventory

TSCA listed substances:

3-butoxypropan-2-ol; propylene glycol monobutyl ether	is listed in TSCA	Section 8b
ethylene glycol monobutyl ether	is listed in TSCA	Section 8b
substituted alkyl phosphate esters, ammonium salts	is listed in TSCA	Section 5 Section 12b

SARA - Superfund Amendments and Reauthorization Act

Section 302 - Extremely Hazardous Substances:

No substances listed

Section 304 - Hazardous substances:

No substances listed

Section 313 - Toxic chemical list:

ethylene glycol monobutyl ether

CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act

Substance(s) listed under CERCLA:

No substances listed

CAA - Clean Air Act

CAA listed substances:

ethylene glycol monobutyl ether is listed in CAA Section 112(b) - HON Section 112(b) - HAP

CWA - Clean Water Act

CWA listed substances:

No substances listed

USA - State specific regulations

California Proposition 65

Substance(s) listed under California Proposition 65:

No substances listed

Massachusetts Right to know

Substance(s) listed under Massachusetts Right to know:

ethylene glycol monobutyl ether

Pennsylvania Right to know

Substance(s) listed under Pennsylvania Right to know:

ethylene glycol monobutyl ether

New Jersey Right to know

Substance(s) listed under New Jersey Right to know:

ethylene glycol monobutyl ether

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16. Other information

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Reasonable care has been taken in the preparation of this information, but the manufacturer makes no warranty of merchantability or any other warranty, expressed or implied, with respect to this information. The manufacturer makes no representations and assumes no liability for any direct, incidental or consequential damages resulting from its use. The information herein is presented in good faith and believed to be accurate as of the effective date given. It is the buyer's responsibility to ensure that its activities comply with Federal, State or provincial, and local laws.

This document was prepared by a competent person who has received appropriate training.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This SDS cancels and replaces any preceding release.

Code	Description
H227	Combustible liquid
H302	Harmful if swallowed.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H331	Toxic if inhaled.
H373	May cause damage to organs through prolonged or repeated exposure.
H402	Harmful to aquatic life
H410	Very toxic to aquatic life with long lasting effects.

Code	Hazard class and hazard category	Description
A.1/1/Inhal	Acute Tox. 1	Acute toxicity (inhalation), Category 1
A.1/3/Inhal	Acute Tox. 3	Acute toxicity (inhalation), Category 3
A.1/4/Oral	Acute Tox. 4	Acute toxicity (oral), Category 4
A.2/2	Skin Irrit. 2	Skin irritation, Category 2

A.3/2A	Eye Irrit. 2A	Eye irritation, Category 2A
A.9/2	STOT RE 2	Specific target organ toxicity following repeated exposure, Category 2
B.6/4	Flam. Liq. 4	Flammable Liquids — Category 4
CAN-HAE/A3	Aquatic Acute 3	Acute (short-term) aquatic hazard - Category 3
CAN-HAE/C1	Aquatic Chronic 1	Chronic (long-term) aquatic hazard - Category 1

Legend to abbreviations and acronyms used in the safety data sheet:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.
IMDG: International Maritime Code for Dangerous Goods.
IATA: International Air Transport Association.
IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO: International Civil Aviation Organization.
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).
GHS: Globally Harmonized System of Classification and Labeling of Chemicals.
CLP: Classification, Labeling, Packaging.
EINECS: European Inventory of Existing Commercial Chemical Substances.
INCI: International Nomenclature of Cosmetic Ingredients.
CAS: Chemical Abstracts Service (division of the American Chemical Society).
GefStoffVO: Ordinance on Hazardous Substances, Germany.
LC50: Lethal concentration, for 50 percent of test population.
LD50: Lethal dose, for 50 percent of test population.
DNEL: Derived No Effect Level.
PNEC: Predicted No Effect Concentration.
TLV: Threshold Limiting Value.
TWATLV: Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).
STEL: Short Term Exposure limit.
STOT: Specific Target Organ Toxicity.
WGK: German Water Hazard Class.
KSt: Explosion coefficient.

Paragraphs modified from the previous revision:

- 3. COMPOSITION/INFORMATION ON INGREDIENTS
- 8. EXPOSURE CONTROLS/PERSONAL PROTECTION
- 9. PHYSICAL AND CHEMICAL PROPERTIES
- 11. TOXICOLOGICAL INFORMATION
- 12. ECOLOGICAL INFORMATION
- 14. TRANSPORT INFORMATION
- 15. REGULATORY INFORMATION
- 16. OTHER INFORMATION