

## Safety Data Sheet

### ULTRACARE HIGH-GLOSS SEALER & FINISH

Safety Data Sheet dated: 06/10/2021 - version 4

Date of first edition: 05/23/2017



## 1. Identification

### Product identifier

Mixture identification:

Trade name: ULTRACARE HIGH-GLOSS SEALER & FINISH

Other means of identification

Trade code: 9011552

### Recommended use and restrictions on use

Recommended use: Sealant

Restrictions on use: N.A.

### Supplier's details

Company: MAPEI INC. (Canada)

2900 Francis-Hughes Avenue

H7L 3J5 - Laval - QC - CAN

### 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

0 The product is not classified as hazardous according to WHMIS 2015.

### Label elements

The product is not classified as hazardous according to WHMIS 2015.

### Other hazards

None

### Ingredient(s) with unknown acute toxicity

None

## 3. Composition/information on ingredients

### Substances

N.A.

### Mixtures

Hazardous components within the meaning of WHMIS 2015 and related classification:

### List of components

Concentration (%) w/w	Name	Ident. Numb.	Classification	Registration Number
2.5-5 %	1-butoxy-2-propanol; Propylene glycol monobutyl ether	CAS:5131-66-8	Eye Irrit. 2A, H319; Skin Irrit. 2, H315	
2.5-5 %	tbsp tributoxyethyl phosphate; Tris(2-butoxyethyl) phosphate	CAS:78-51-3	Skin Irrit. 2, H315; STOT SE 3, H335; Acute Tox. 4, H302; Acute Tox. 4, H312; Eye Irrit. 2A, H319	
0.1-0.25 %	diethanolamine; 2,2'-iminodiethanol	CAS:111-42-2	Acute Tox. 4, H302; Eye Dam. 1, H318; Skin Irrit. 2, H315; STOT RE 2, H373	

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

## 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**

N.A.

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

Treatment: N.A.

(see paragraph 4.1)

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**5. Fire-fighting measures**

**Suitable and unsuitable extinguishing media**

Suitable extinguishing media:

Water.

Carbon dioxide (CO<sub>2</sub>).

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: N.A.

Explosive properties: N.A.

Oxidizing properties: N.A.

**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.

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**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.

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**7. Handling and storage**

**Precautions for safe handling**

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

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

**Conditions for safe storage, including any incompatibilities**

Storage temperature: N.A.

Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Adequately ventilated premises.

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**8. Exposure controls/personal protection**

**Control parameters**

**List of components with OEL value**

Component	OEL Type	Country	Ceiling	Long Term mg/m <sup>3</sup>	Long Term ppm	Short Term mg/m <sup>3</sup>	Short Term ppm	Behaviour Note
diethanolamine; 2,2'-iminodiethanol	ACGIH			1				A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans;Skin - potential significant

contribution to overall exposure by the cutaneous route; kidney and liver damage;

MAK	GERMANY	1
ACGIH		1

A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans; Skin - potential significant contribution to overall exposure by the cutaneous route; kidney and liver damage

MAK	AUSTRIA	2	0,46	4	0,92
MAK	SWITZERLAND	1			

### Appropriate engineering controls

N.A.

### 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  $\geq 0,5\text{mm}$ ; breakthrough time  $\geq 480\text{min}$ .

Nitrile rubber - NBR: thickness  $\geq 0,35\text{mm}$ ; breakthrough time  $\geq 480\text{min}$ .

Butyl rubber - IIR: thickness  $\geq 0,5\text{mm}$ ; breakthrough time  $\geq 480\text{min}$ .

Fluorinated rubber - FKM: thickness  $\geq 0,4\text{mm}$ ; breakthrough time  $\geq 480\text{min}$ .

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.

N.A.

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## 9. Physical and chemical properties

### Information on basic physical and chemical properties

Physical state: Liquid

Appearance and colour: white

Odour: Like: Acrylate

Odour threshold: No data available

pH: 8.25

Melting point / freezing point: No data available

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

Flash point: 100 °C (212 °F)

Evaporation rate: No data available

Upper/lower flammability or explosive limits: No data available

Vapour density: No data available

Vapour pressure: No data available

Relative density: 1.02 g/cm<sup>3</sup>

Solubility in water: Soluble

Solubility in oil: No data available

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

Auto-ignition temperature: No data available

Decomposition temperature: No data available

Viscosity: No data available

Explosive properties: No data available

Oxidizing properties: No data available

Solid/gas flammability: No data available

### Other information

Substance Groups relevant properties No data available

Miscibility: No data available

Fat Solubility: No data available

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## 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.

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## 11. Toxicological information

### Information on toxicological effects

#### Toxicological information of the mixture:

There is no toxicological data available on the mixture. Consider the individual concentration of each component to assess toxicological effects resulting from exposure to the mixture.

#### Toxicological information on main components of the mixture:

1-butoxy-2-propanol;      a) acute toxicity              LD50 Oral Rat = 1900 mg/kg  
Propylene glycol  
monobutyl ether

tbep tributoxyethyl      a) acute toxicity              LD50 Skin Rabbit > 16 ml/kg  
phosphate; Tris(2-  
butoxyethyl) phosphate

LD50 Oral Rat = 3000 mg/kg  
LD50 Skin Rabbit > 16 ml/kg  
LC50 Inhalation Rat > 6,4 mg/l 4h  
LD50 Oral Rat = 3 g/kg

diethanolamine; 2,2'-      a) acute toxicity              LD50 Oral Rat = 0,62000 ml/kg  
iminodiethanol

LD50 Oral Rat = 1600,00000 mg/kg  
LD50 Skin Rabbit > 8200,00000 mg/kg  
LD50 Skin Rabbit = 11,9 ml/kg  
LD50 Oral Rat = 780 mg/kg

**If not differently specified, the information required in the regulation and listed below must be considered as N.A.**

- a) acute toxicity
- b) skin corrosion/irritation
- c) serious eye damage/irritation
- d) respiratory or skin sensitisation
- e) germ cell mutagenicity
- f) carcinogenicity
- g) reproductive toxicity
- h) STOT-single exposure  
Toxicological kinetics, metabolism  
and distribution information
- i) STOT-repeated exposure
- j) aspiration hazard

#### Substance(s) listed on the IARC Monographs:

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

diethanolamine; 2,2'-iminodiethanol

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

None

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

None

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**12. Ecological information****Ecotoxicity**

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

**List of components with eco-toxicological properties**

Component	Ident. Numb.	Ecotox Infos
tbeq tributoxyethyl phosphate; Tris(2-butoxyethyl) phosphate	CAS: 78-51-3	a) Aquatic acute toxicity : LC50 Fish Pimephales promelas 10,4 mg/L 96h EPA
diethanolamine; 2,2'- iminodiethanol	CAS: 111-42-2	a) Aquatic acute toxicity : LC50 Fish Pimephales promelas 4460 mg/L 96h EPA  a) Aquatic acute toxicity : LC50 Fish Lepomis macrochirus 600 mg/L 96h IUCLID  a) Aquatic acute toxicity : EC50 Daphnia Daphnia magna = 55 mg/L 48h IUCLID  a) Aquatic acute toxicity : LC50 Fish Pimephales promelas 1200 mg/L 96h EPA a) Aquatic acute toxicity : EC50 Algae Desmodesmus subspicatus = 7,8 mg/L 72h IUCLID  a) Aquatic acute toxicity : EC50 Algae Pseudokirchneriella subcapitata 2,1 mg/L 96h IUCLID

**Persistence and degradability**

N.A.

**Bioaccumulative potential**

N.A.

**Mobility in soil**

N.A.

**Other adverse effects**

N.A.

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**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.

Clean waste packaging should be recycled when possible and authorized by the authority.

## 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.

#### 14. Transport information

Not classified as dangerous in the meaning of transport regulations.

##### UN number

TDG-UN number: N.A.  
ADR-UN number: N.A.  
DOT-UN Number: N.A.  
IATA-Un number: N.A.  
IMDG-Un number: N.A.

##### UN proper shipping name

TDG-Shipping Name: N.A.  
ADR-Shipping Name: N.A.  
DOT-Proper Shipping Name: N.A.  
IATA-Technical name: N.A.  
IMDG-Technical name: N.A.

##### Transport hazard class(es)

TDG-Class: N.A.  
ADR-Class: N.A.  
DOT-Hazard Class: N.A.  
IATA-Class: N.A.  
IMDG-Class: N.A.

##### Packing group

TDG-Packing Group: N.A.  
ADR-Packing Group: N.A.  
DOT Packing Group: N.A.  
IATA-Packing group: N.A.  
IMDG-Packing group: N.A.

##### Environmental hazards

Marine pollutant: No  
Environmental Pollutant: N.A.

##### Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code)

N.A.

##### Special precautions in connection with transport or conveyance

TDG:

TDG Special provisions: N/A

Department of Transportation (DOT):

N.A.

Road and Rail (ADR-RID) :

N.A.

Air (IATA) :

N.A.

Sea (IMDG) :

N.A.

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#### 15. Regulatory information

##### Canada - Federal regulations

###### DSL - Domestic Substances List

###### DSL Inventory:

All the substances are listed in the DSL.

###### NDSL - Non Domestic Substances List

###### NDSL Inventory:

No substances listed

###### NPRI - National Pollutant Release Inventory

###### Substances listed in NPRI:

No substances listed

##### USA - Federal regulations

###### TSCA - Toxic Substances Control Act

###### TSCA inventory:

All the components are listed on the TSCA inventory

**TSCA listed substances:**

1-butoxy-2-propanol; Propylene glycol monobutyl ether is listed in TSCA Section 8b

tbeq tributoxyethyl phosphate; Tris(2-butoxyethyl) phosphate is listed in TSCA Section 8b Section 8a - PAIR

diethanolamine; 2,2'-iminodiethanol is listed in TSCA Section 8b

**SARA - Superfund Amendments and Reauthorization Act**

**Section 302 - Extremely Hazardous Substances:**

No substances listed

**Section 304 - Hazardous substances:**

diethanolamine; 2,2'-iminodiethanol

**Section 313 - Toxic chemical list:**

diethanolamine; 2,2'-iminodiethanol

**CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act**

**Substance(s) listed under CERCLA:**

diethanolamine; 2,2'-iminodiethanol Reportable quantity: 100 pounds

**CAA - Clean Air Act**

**CAA listed substances:**

diethanolamine; 2,2'-iminodiethanol is listed in CAA Section 112(b) - HAP Section 112(b) - HON

**CWA - Clean Water Act**

**CWA listed substances:**

No substances listed

**USA - State specific regulations**

**California Proposition 65**

**Substance(s) listed under California Proposition 65:**

diethanolamine; 2,2'-iminodiethanol Listed as carcinogen

**Massachusetts Right to know**

**Substance(s) listed under Massachusetts Right to know:**

diethanolamine; 2,2'-iminodiethanol

**Pennsylvania Right to know**

**Substance(s) listed under Pennsylvania Right to know:**

diethanolamine; 2,2'-iminodiethanol

**New Jersey Right to know**

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

diethanolamine; 2,2'-iminodiethanol

**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
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.

H373 May cause damage to organs through prolonged or repeated exposure.

**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:**

- 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING
- 6. ACCIDENTAL RELEASE MEASURES
- 8. EXPOSURE CONTROLS/PERSONAL PROTECTION
- 9. PHYSICAL AND CHEMICAL PROPERTIES
- 14. TRANSPORT INFORMATION