



## Safety Data Sheet according to WHS Regulations

Date of issue: 30.10.2025

Revision: 30.10.2025

### 1 Identification

- **Other means of identification**
- **Trade name:** UltraSeal XT™ Hydro™
- **Article number:**  
SDS 239-001.11R01, 71109, 71110, 71111, 56315, 87511, 3533, 3535, 3536-1, REF3536-1, S3529, 14852, 87510, 3532, 3534, 3536, REF3536
- **Relevant identified uses of the substance or mixture and uses advised against**  
Professional Dental Pit and Fissure Sealant
- **Application of the substance / the mixture** Professional Dental Pit and Fissure Sealant
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
Ultradent Products, Inc.  
505 W. Ultradent Drive (10200 S)  
South Jordan, UT 84095-3942  
USA  
onlineordersupport@ultradent.com  
(800) 552-5512  
  
Ultradent Australia Pty Ltd.  
Level 22/2 Market Street  
Sydney NSW 2000  
Australia  
Email: info.anz@ultradent.com  
Toll Free: 1-800-290929
- **Further information obtainable from:** Customer Service
- **Emergency telephone number:**  
CHEMTREC (NORTH AMERICA) : +1 (800) 424-9300  
(INTERNATIONAL) : +(703) 527-3887

### 2 Hazard(s) Identification

- **Classification of the substance or mixture**



Skin sensitisation – Category 1

H317 May cause an allergic skin reaction.

Specific target organ toxicity (single exposure) –  
Category 3

H335 May cause respiratory irritation.

- **Label elements**
- **GHS label elements** Void
- **Hazard pictograms** GHS07
- **Signal word** Warning
- **Hazard-determining components of labelling:**  
Triethylene Glycol Dimethacrylate (>10-<30 %)  
Glycerol Dimethacrylate (≥5-<10 %)  
Diurethane Dimethacrylate (>5-<20 %)  
Methacrylic Acid (≤1 %)

(Contd. on page 2)

AU

# Safety Data Sheet

## according to WHS Regulations

Date of issue: 30.10.2025

Revision: 30.10.2025

**Trade name: UltraSeal XT™ Hydro™**

(Contd. of page 1)

**· Hazard statements**

H317 May cause an allergic skin reaction.

H335 May cause respiratory irritation.

**· Precautionary statements**

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

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

P280 Wear protective gloves.

P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P312 Call a POISON CENTER/doctor if you feel unwell.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

### 3 Composition and Information on Ingredients

**· Chemical characterisation: Mixtures****· Description:** Mixture of substances listed below with nonhazardous additions.**· Dangerous components:**

109-16-0	Triethylene Glycol Dimethacrylate	>10-<30%
	⚠ Skin sensitisation – Category 1, H317	
72869-86-4	Diurethane Dimethacrylate	>5-<20%
	⚠ Skin sensitisation – Category 1, H317	
1830-78-0	Glycerol Dimethacrylate	≥5-<10%
	⚠ Skin corrosion/irritation – Category 2, H315; Eye damage/irritation – Category 2A, H319; Specific target organ toxicity (single exposure) – Category 3, H335	
	Trade Secret	≥1-<5%
	⚠ Skin corrosion/irritation – Category 1A, H314	
79-41-4	Methacrylic Acid	≤1%
	⚠ Acute toxicity - dermal – Category 3, H311; ⚠ Skin corrosion/irritation – Category 1A, H314; Eye damage/irritation – Category 1, H318; ⚠ Acute toxicity - oral – Category 4, H302; Acute toxicity - inhalation – Category 4, H332; Specific target organ toxicity (single exposure) – Category 3, H335; Flammable liquids – Category 4, H227	
10287-53-3	Ethyl-4-Dimethylamino Benzoate	≥0.1-<1%
	⚠ Reproductive toxicity – Category 1B, H360	
	Organophosphine Oxide	<1%
	⚠ Skin sensitisation – Category 1, H317	

**· Additional information:** For the wording of the listed hazard phrases refer to section 16.

### 4 First Aid Measures

**· General information:** Immediately remove any clothing soiled by the product.**· After inhalation:**

Seek medical treatment in case of complaints.

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

**· After skin contact:** Immediately wash with water and soap and rinse thoroughly.**· After eye contact:** Rinse opened eye for several minutes under running water.**· After swallowing:** If symptoms persist consult doctor.

(Contd. on page 3)

# Safety Data Sheet

## according to WHS Regulations

Date of issue: 30.10.2025

Revision: 30.10.2025

Trade name: UltraSeal XT™ Hydro™

(Contd. of page 2)

- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### 5 Fire Fighting Measures

- **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Protective equipment:** No special measures required.

### 6 Accidental Release Measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:** Do not allow to enter sewers/surface or ground water.
- **Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose contaminated material as waste according to section 13.  
Ensure adequate ventilation.
- **Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### 7 Handling and Storage

- **Handling:**
- **Precautions for safe handling:**  
Ensure good ventilation/exhaustion at the workplace.  
Prevent formation of aerosols.
- **Information about fire - and explosion protection:** No special measures required.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
See product labelling.  
Keep container tightly sealed.
- **Specific end use(s)** Professional Dental Pit and Fissure Sealant

### 8 Exposure controls and personal protection

- **Appropriate engineering controls** No further data; see section 7.
- **Ingredients with limit values that require monitoring at the workplace:**

79-41-4 Methacrylic Acid

WES Long-term value: 70 mg/m<sup>3</sup>, 20 ppm

- **Additional information:** The lists valid during the making were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
Keep away from foodstuffs, beverages and feed.

(Contd. on page 4)

# Safety Data Sheet

## according to WHS Regulations

Date of issue: 30.10.2025

Revision: 30.10.2025

**Trade name: UltraSeal XT™ Hydro™**

(Contd. of page 3)

*Immediately remove all soiled and contaminated clothing.**Wash hands before breaks and at the end of work.***· Respiratory protection:***In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.***· Protection of hands:***Protective gloves**The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.**Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.**Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation***· Material of gloves***The selection of suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.***· Penetration time of glove material***The exact breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed.***· Eye protection:** *Goggles recommended during refilling***· Body protection:** *Protective work clothing*

## 9 Physical and Chemical Properties

**· General Information****· Appearance:****· Form:***Liquid***· Colour:***According to product specification***· Odour:***Acrylic***· Odour threshold:***Not determined.***· pH-value:***Not applicable (non-aqueous)***· Change in condition****· Melting point/freezing point:***Undetermined.***· Initial boiling point and boiling range:***Undetermined.***· Flash point:***Not applicable.***· Flammability***Not applicable.***· Decomposition temperature:***Not determined.***· Ignition temperature:***Product is not selfigniting.***· Explosive properties:***Product does not present an explosion hazard.***· Explosion limits:****· Lower:***Not determined.***· Upper:***Not determined.***· Vapour pressure:***Not determined.***· Density at 20 °C:***1.67 g/cm<sup>3</sup>***· Relative density***Not determined.***· Vapour density***Not determined.***· Evaporation rate***Not determined.***· Solubility in / Miscibility with****· water:***Not miscible or difficult to mix.***· Partition coefficient: n-octanol/water:** *Not determined.*

(Contd. on page 5)

# Safety Data Sheet

## according to WHS Regulations

Date of issue: 30.10.2025

Revision: 30.10.2025

Trade name: UltraSeal XT™ Hydro™

(Contd. of page 4)

- **Viscosity:**
- **Dynamic:** Not determined.
- **Kinematic:** Not determined.

- **Other information**
- **Particle characteristics** Not applicable.
- **Physical state** Fluid

### 10 Stability and Reactivity

- **Reactivity** No further relevant information available.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid:** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

### 11 Toxicological Information

- **Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

#### · LD/LC50 values relevant for classification:

##### ATE (Acute Toxicity Estimates)

Oral	LD50	102,743-109,873 mg/kg (rat)
Dermal	LD50	48,464-51,827 mg/kg
Inhalative	LC50/4 h	688-736 mg/l (rat)

##### 109-16-0 Triethylene Glycol Dimethacrylate

Oral	LD50	>5,000 mg/kg (rat)
	LC50 Fish	16.4 mg/l (Fish) (Toxicity to fish)
Dermal	LD50	>2,000 mg/kg (mouse)

##### 72869-86-4 Diurethane Dimethacrylate

Oral	LD50	>5,000 mg/kg (rat)
------	------	--------------------

##### 79-41-4 Methacrylic Acid

Oral	LD50	1,250 mg/kg (mouse)
		1,060 mg/kg (rat)
		1,200 mg/kg (rabbit)
	LC50 Fish	86 mg/l (Fish)
Dermal	LD50	1,000 mg/kg (guinea pig)
		500 mg/kg (rabbit)
Inhalative	LC50/4 h	7.1 mg/l (rat)

##### Organophosphine Oxide

Oral	LD50	>2,000 mg/kg (rat)
	LC50 Fish	>0.09 mg/l (Fish) (Toxicity to fish)
Dermal	LD50	>2,000 mg/kg (rat)

(Contd. on page 6)

# Safety Data Sheet

## according to WHS Regulations

Date of issue: 30.10.2025

Revision: 30.10.2025

Trade name: UltraSeal XT™ Hydro™

(Contd. of page 5)

- **Primary irritant effect:**
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** May cause an allergic skin reaction.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** May cause respiratory irritation.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

## 12 Ecological Information

### · Toxicity

#### · Aquatic toxicity:

##### 109-16-0 Triethylene Glycol Dimethacrylate

EC50	>100 mg/kg (Algae)
Biodegradability	28 days (Aerobic) (Biodegradability testing)
Aqua toxicity	32 mg/l (daphnia) (No Observed Effect Concentration)

##### 72869-86-4 Diurethane Dimethacrylate

EC50	>0.6 mg/kg (Algae)
Biodegradability	28 days (Aerobic) (Biodegradability testing)

##### 79-41-4 Methacrylic Acid

EC50	17,000 mg/kg (Algae)
	<180 mg/kg (daphnia) (Toxicity to aquatic invertebrates)

##### Organophosphine Oxide

EC50 (static)	>1.175 mg/kg (daphnia) (Toxicity to aquatic invertebrates)
Aqua toxicity	≥0.008 mg/l (daphnia) (Daphnia Magna Reproduction Test)
Toxicity to Aquatic Plants (static)	>0.26 mg/l (Plant) (Toxicity to algae)

- **Persistence and degradability** No further relevant information available.
- **Behaviour in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**  
 Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water  
 Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

## 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation**

Dispose of contents/container in accordance with international, federal, state, and local regulations.

(Contd. on page 7)

# Safety Data Sheet

## according to WHS Regulations

Date of issue: 30.10.2025

Revision: 30.10.2025

Trade name: UltraSeal XT™ Hydro™

(Contd. of page 6)

- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

- |   |                 |
|---|-----------------|
| · <b>UN-Number</b>  |                 |
| · <b>ADG, ADN, IMDG, IATA</b>   | not regulated   |
| · <b>UN proper shipping name</b>  |                 |
| · <b>ADG, ADN, IMDG, IATA</b>   | not regulated   |
| · <b>Transport hazard class(es)</b>   |                 |
| · <b>ADG, ADN, IMDG, IATA</b>   |                 |
| · <b>Class</b>  | not regulated   |
| · <b>Packing group</b>  |                 |
| · <b>ADG, IMDG, IATA</b>  | not regulated   |
| · <b>Environmental hazards:</b>   | Not applicable. |
| · <b>Special precautions for user</b>                                       | Not Applicable  |
| · <b>Transport in bulk according to Annex II of Marpol and the IBC Code</b> | Not applicable. |
| · <b>UN "Model Regulation":</b>   | not regulated   |

### 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**

- **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

- **Australian Inventory of Industrial Chemicals**

65997-17-3	Inorganic Glass
109-16-0	Triethylene Glycol Dimethacrylate
72869-86-4	Diurethane Dimethacrylate
	Trade Secret
	Trade Secret
79-41-4	Methacrylic Acid
10287-53-3	Ethyl-4-Dimethylamino Benzoate
10373-78-1	Camphorquinone
	Organophosphine Oxide
10163-15-2	Sodium Monofluorophosphate
1332-37-2	Red Iron Oxide
51274-00-1	Yellow Iron Oxide

- **Standard for the Uniform Scheduling of Medicines and Poisons**

None of the ingredients is listed.

(Contd. on page 8)

AU



# Safety Data Sheet

## according to WHS Regulations

Date of issue: 30.10.2025

Revision: 30.10.2025

**Trade name: UltraSeal XT™ Hydro™**

(Contd. of page 7)

**· Australia: Priority Existing Chemicals**
*None of the ingredients is listed.*
**· Directive 2012/18/EU**
**· Named dangerous substances - ANNEX I** *None of the ingredients is listed.*
**· Chemical safety assessment:**
*Device is biocompatible when used as directed by dental professionals per ISO 10993-1*

### 16 Other information

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

**· Relevant phrases from Section 3**
*H227 Combustible liquid.*
*H302 Harmful if swallowed.*
*H311 Toxic in contact with skin.*
*H314 Causes severe skin burns and eye damage.*
*H315 Causes skin irritation.*
*H317 May cause an allergic skin reaction.*
*H318 Causes serious eye damage.*
*H319 Causes serious eye irritation.*
*H332 Harmful if inhaled.*
*H335 May cause respiratory irritation.*
*H360 May damage fertility or the unborn child.*
**· Department issuing SDS:** *Environmental, Health, and Safety*
**· Contact:** *Customer Service*
**· Abbreviations and acronyms:**
*ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)*
*IMDG: International Maritime Code for Dangerous Goods*
*IATA: International Air Transport Association*
*EINECS: European Inventory of Existing Commercial Chemical Substances*
*ELINCS: European List of Notified Chemical Substances*
*CAS: Chemical Abstracts Service (division of the American Chemical Society)*
*LC50: Lethal concentration, 50 percent*
*LD50: Lethal dose, 50 percent*
*PBT: Persistent, Bioaccumulative and Toxic*
*vPvB: very Persistent and very Bioaccumulative*
*NIOSH: National Institute for Occupational Safety*
*Flammable liquids – Category 4: Flammable liquids – Category 4*
*Acute toxicity - oral – Category 4: Acute toxicity – Category 4*
*Acute toxicity - dermal – Category 3: Acute toxicity – Category 3*
*Skin corrosion/irritation – Category 1A: Skin corrosion/irritation – Category 1A*
*Skin corrosion/irritation – Category 2: Skin corrosion/irritation – Category 2*
*Eye damage/irritation – Category 1: Serious eye damage/eye irritation – Category 1*
*Eye damage/irritation – Category 2A: Serious eye damage/eye irritation – Category 2A*
*Skin sensitisation – Category 1: Skin sensitisation – Category 1*
*Reproductive toxicity – Category 1B: Reproductive toxicity – Category 1B*
*Specific target organ toxicity (single exposure) – Category 3: Specific target organ toxicity (single exposure) – Category 3*
**· \* Data compared to the previous version altered.**