



# Ultraseal International

## SAFETY DATA SHEET Ultraseal Wood Stabiliser

According to Hazcom 2012 (Appendix D To §1910.1200)

### 1. Identification

#### Product identifier

**Product name** Ultraseal Wood Stabiliser

#### Recommended use of the chemical and restrictions on use

**Application** Industrial wood coating.

#### Details of the supplier of the safety data sheet

**Supplier** Ultraseal America Inc.  
4343 Concourse Drive, Suite 340  
Ann Arbor, MI 48108  
MSDS@ultraseal.co.uk  
Tel: +1-734-222-9478 (Ultraseal America Customer Services - Office Hours)  
Fax: +1-734-222-9479

#### Emergency telephone number

**Emergency telephone** +1-800-424-9300 (Chemtrec 24 hours)  
+1-703-527-3887 (Outside USA 24 hours)

### 2. Hazard(s) identification

#### Classification of the substance or mixture

**OSHA Regulatory Status** This Product is Hazardous under the OSHA Hazard Communication Standard.

**Physical hazards** Not Classified

**Health hazards** Eye Irrit. 2A - H319 Skin Sens. 1 - H317

#### Label elements

##### Pictogram



**Signal word** Warning

**Hazard statements** H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.

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<b>Precautionary statements</b>	<p>P261 Avoid breathing vapor/spray.</p> <p>P272 Contaminated work clothing must not be allowed out of the workplace.</p> <p>P280 Wear protective gloves/protective clothing/eye protection/face protection.</p> <p>P302+P352 If on skin: Wash with plenty of water.</p> <p>P333+P313 If skin irritation or rash occurs: Get medical advice/attention.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p> <p>P403+P233 Store in a well-ventilated place. Keep container tightly closed.</p> <p>P410 Protect from sunlight.</p> <p>P411 Store at temperatures not exceeding 25°C /77°F.</p> <p>P501 Dispose of contents/container in accordance with local regulations.</p>
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**Contains** HYDROXYPROPYL METHACRYLATE

### Other hazards

This product does not contain any substances classified as PBT or vPvB.

### 3. Composition/information on ingredients

#### Mixtures

<b>HYDROXYPROPYL METHACRYLATE</b>	<b>50-100%</b>
CAS number: Proprietary	

#### Classification

Eye Irrit. 2A - H319

Skin Sens. 1 - H317

The Full Text for all Hazard Statements are Displayed in Section 16.

### 4. First-aid measures

#### Description of first aid measures

<b>Inhalation</b>	Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Do not induce vomiting. Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention.
<b>Skin Contact</b>	Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.
<b>Eye contact</b>	Remove affected person from source of contamination. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.

#### Most important symptoms and effects, both acute and delayed

<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
<b>Inhalation</b>	Irritation of nose, throat and airway.
<b>Ingestion</b>	No specific symptoms known.
<b>Skin contact</b>	Prolonged skin contact may cause redness and irritation.
<b>Eye contact</b>	Irritation of eyes and mucous membranes.

#### Indication of immediate medical attention and special treatment needed

**Notes for the doctor** Treat symptomatically.

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### 5. Fire-fighting measures

#### Extinguishing media

**Suitable extinguishing media** Extinguish with the following media: Water spray. Foam, carbon dioxide or dry powder.

**Unsuitable extinguishing media** Do not use water jet as an extinguisher, as this will spread the fire.

#### Special hazards arising from the substance or mixture

**Specific hazards** Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO).

**Hazardous combustion products** Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

#### Advice for firefighters

**Protective actions during firefighting** Containers close to fire should be removed or cooled with water. Be aware of danger of explosion.

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

### 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Wear protective clothing as described in Section 8 of this safety data sheet.

#### Environmental precautions

**Environmental precautions** Do not discharge into drains or watercourses or onto the ground.

#### Methods and material for containment and cleaning up

**Methods for cleaning up** Provide adequate ventilation. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Absorb in vermiculite, dry sand or earth and place into containers. Avoid the spillage or runoff entering drains, sewers or watercourses. Inform authorities if large amounts are involved.

**Reference to other sections** For personal protection, see Section 8. See Section 11 for additional information on health hazards. Collect and dispose of spillage as indicated in Section 13.

### 7. Handling and storage

#### Precautions for safe handling

**Usage precautions** Avoid spilling. Avoid contact with skin and eyes.

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

**Storage precautions** Store in tightly-closed, original container in a dry, cool and well-ventilated place. Protect from freezing and direct sunlight. Store at temperatures not exceeding 25°C/77°F.

#### Specific end uses(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

### 8. Exposure Controls/personal protection

#### Control parameters

#### Occupational exposure limits

Exposure limits of constituents where known and applicable are given below

#### Exposure controls

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### Protective equipment



### Appropriate engineering controls

All handling should only take place in well-ventilated areas.

### Eye/face protection

The following protection should be worn: Chemical splash goggles or face shield.

### Hand protection

It is recommended that gloves are made of the following material: Nitrile rubber. It should be noted that liquid may penetrate the gloves. Frequent changes are recommended.

### Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact.

### Hygiene measures

Provide eyewash station. Do not smoke in work area. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

### Respiratory protection

No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs. If ventilation is inadequate, suitable respiratory protection must be worn. Wear a respirator fitted with the following cartridge: Gas filter, type A2.

### Environmental exposure controls

Keep container tightly sealed when not in use.

## 9. Physical and Chemical Properties

### Information on basic physical and chemical properties

Appearance	Liquid.
Color	Colorless to pale yellow.
Odor	Mild.
Odor threshold	Not available.
pH	Not applicable.
Melting point	Scientifically unjustified.
Initial boiling point and range	Not available.
Flash point	> 100°C CC (Closed cup). Estimated value.
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	Not available.
Other flammability	Not available.
Vapour pressure	0.11 hPa @ 20°C Estimated value.
Vapour density	Not available.
Relative density	1.015 - 1.025 @ 20°C
Solubility(ies)	Forms an emulsion with water.
Partition coefficient	Not applicable.

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<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition Temperature</b>	Not applicable.
<b>Viscosity</b>	28 - 31 s @ 20°C
<b>Explosive properties</b>	Not applicable.
<b>Oxidising properties</b>	Not applicable.
<b>Other information</b>	Not available.

### 10. Stability and reactivity

<b>Reactivity</b>	See the other subsections of this section for further details.
<b>Stability</b>	Stable at normal ambient temperatures.
<b>Possibility of hazardous reactions</b>	May polymerize violently. Store in original container to avoid contamination. Polymerizes easily with evolution of heat. Avoid heat. Avoid light.
<b>Conditions to avoid</b>	Polymerizes when heated. Avoid heat, flames and other sources of ignition. Avoid exposure to high temperatures or direct sunlight. Avoid contact with the following materials: Acids. Oxidizing agents.
<b>Materials to avoid</b>	Strong oxidizing agents. Strong reducing agents. Inorganic peroxides. Organic peroxides/hydroperoxides. Strong acids. Strong alkalis.
<b>Hazardous decomposition products</b>	Fire creates: Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> ).

### 11. Toxicological information

#### Information on toxicological effects

<b>Toxicological effects</b>	No information available.
<b><u>Acute toxicity - dermal</u></b>	
<b>Notes (dermal LD<sub>50</sub>)</b>	Based on available data the classification criteria are not met.
<b><u>Skin corrosion/irritation</u></b>	
<b>Animal data</b>	Based on available data the classification criteria are not met.
<b><u>Serious eye damage/irritation</u></b>	
<b>Serious eye damage/irritation</b>	Irritation of eyes is assumed.
<b><u>Skin sensitization</u></b>	
<b>Skin sensitisation</b>	Sensitizing.
<b><u>Germ cell mutagenicity</u></b>	
<b>Genotoxicity - in vitro</b>	Does not contain any substances known to be mutagenic.
<b><u>Carcinogenicity</u></b>	
<b>Carcinogenicity</b>	Does not contain any substances known to be carcinogenic.
<b><u>Reproductive toxicity</u></b>	
<b>Reproductive toxicity - development</b>	Does not contain any substances known to be toxic to reproduction.
<b><u>Specific target organ toxicity - single exposure</u></b>	

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**STOT - single exposure** Based on available data the classification criteria are not met.

### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** Based on available data the classification criteria are not met.

### Aspiration hazard

**Aspiration hazard** Not anticipated to present an aspiration hazard, based on chemical structure.

**Inhalation** May cause respiratory system irritation.

**Skin Contact** Irritating to skin. May cause sensitisation by skin contact.

**Eye contact** Irritating to eyes.

**Route of entry** Skin and/or eye contact

**Target Organs** Skin Eyes

**Medical Symptoms** Skin irritation. Irritation of eyes and mucous membranes.

## 12. Ecological Information

**Ecotoxicity** The product contains a substance which may cause long-term adverse effects in the aquatic environment.

### Toxicity

**Acute toxicity - fish** Not available.

**Acute toxicity - aquatic invertebrates** Not available.

**Acute toxicity - aquatic plants** Not available.

**Acute toxicity - microorganisms** Not available.

**Acute toxicity - terrestrial** Not available.

**Chronic toxicity - aquatic invertebrates** Not available.

### Persistence and degradability

**Persistence and degradability** The product is expected to be biodegradable.

### Bioaccumulative potential

**Bio-Accumulative Potential** Bioaccumulation is unlikely to be significant because of the low water-solubility of this product.

**Partition coefficient** Not applicable.

### Mobility in soil

**Mobility** The product has poor water-solubility.

### Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** Not relevant

### Other adverse effects

**Other adverse effects** Not known.

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### 13. Disposal considerations

#### Waste treatment methods

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

**Waste class** 08 04 09 08 04 11 08 04 15 15 01 10 16 10 01 16 05 08

### 14. Transport information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT).

#### UN Number

Not applicable.

#### UN proper shipping name

Not applicable.

#### Transport hazard class(es)

Not applicable.

#### Packing group

Not applicable.

#### Environmental hazards

##### **Environmentally Hazardous Substance**

No.

#### Special precautions for user

Not applicable.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

### 15. Regulatory information

#### International Regulations

##### US Federal Regulations

**SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities**  
Not listed.

**CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)**  
Not listed.

**SARA Extremely Hazardous Substances EPCRA Reportable Quantities**  
Not listed.

**SARA 313 Emission Reporting**  
Not listed.

**SARA (311/312) Hazard Categories**  
Acute  
Chronic

## Ultraseal Wood Stabiliser

### OSHA Highly Hazardous Chemicals

Not listed.

### US State Regulations

#### California Proposition 65 Carcinogens and Reproductive Toxins

Not listed.

#### Massachusetts "Right To Know" List

Not listed.

#### Minnesota "Right To Know" List

Not listed.

#### New Jersey "Right To Know" List

Not listed.

#### Pennsylvania "Right To Know" List

Not listed.

### Inventories

#### EU - EINECS/ELINCS

All the ingredients are listed or exempt.

#### Canada - DSL/NDSL

All the ingredients are listed or exempt.

#### US - TSCA

All the ingredients are listed or exempt.

#### Australia - AICS

All the ingredients are listed or exempt.

#### Japan - MITI

All the ingredients are listed or exempt.

#### Korea - KECI

All the ingredients are listed or exempt.

#### China - IECSC

All the ingredients are listed or exempt.

#### Philippines - PICCS

All the ingredients are listed or exempt.

#### New Zealand - NZIOC

All the ingredients are listed or exempt.

### 16. Other information

<b>Revision date</b>	5/28/2015
<b>Revision</b>	5
<b>Supersedes date</b>	17/12/2012
<b>Hazard statements in full</b>	H317 May cause an allergic skin reaction. H319 Causes serious eye irritation.



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<b>NFPA - health hazard</b>	Temporary incapacitation, injury. (2)
<b>NFPA - flammability hazard</b>	Burns only if pre-heated. (1)
<b>NFPA - instability hazard</b>	Unstable if heated. (1)
<b>ACA HMIS Health rating.</b>	Moderate hazard. (2)
<b>ACA HMIS Flammability rating.</b>	Burns only if pre-heated. (1)
<b>ACA HMIS Physical hazard rating.</b>	Unstable if heated. (1)

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Ultraseal America Inc. shall not be held liable for any damage resulting from handling or from contact with the above product.