



# Endurance Sealant

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

Revision date: 07/02/2012

Version: 1.0

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form : Mixture  
Trade name : Endurance Sealant  
Product group : Trade product

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

##### 1.2.1. Relevant identified uses

Intended for general public  
Use of the substance/preparation : Sealant for bicycle tires

##### 1.2.2. Uses advised against

No additional information available

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

Orange Seal Cycling  
PO Box 2545  
Cedar Park, Texas 78630

www.orangesealcycling.com

#### 1.4. Emergency telephone number

Emergency number : 1-877-660-7728

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

##### Classification according to Directive 67/548/EEC or 1999/45/EC


Not classified

##### Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :   
None

Signal word (CLP) : Warning

Precautionary statements (CLP) : P103 - Read label before use  
P233 - Keep container tightly closed  
P234 - Keep only in original container  
P302+P352 - IF ON SKIN: Wash with plenty of soap and water  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P314 - Get medical advice/attention if you feel unwell

#### 2.3. Other hazards

No additional information available

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH annex II

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### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

- First-aid measures after inhalation : Not expected to present a significant inhalation hazard under anticipated conditions of normal use. Remove victim to fresh air. If a cough or other respiratory symptoms develop, consult medical personnel.
- First-aid measures after skin contact : Wash skin immediately with plenty of soap and water for at least 15 minutes. If redness, itching or a burning sensation develops, get medical attention. Wash contaminated clothing and decontaminate footwear before reuse.
- First-aid measures after eye contact : Immediately flush with plenty of water for at least 15 minutes. If redness, itching, or a burning sensation develops, have eyes examined and treated by medical personnel.
- First-aid measures after ingestion : Not expected to present a significant ingestion hazard under anticipated conditions of normal use. In all cases of doubt, or when symptoms persist, seek medical attention.

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

- Symptoms/injuries after inhalation : Inhalation of vapours may cause respiratory irritation.
- Symptoms/injuries after skin contact : Short-term contact with human skin is not usually associated with skin irritation. Repeated or prolonged skin contact may result in contact skin irritation.
- Symptoms/injuries after eye contact : Not expected to present a significant eye contact hazard under anticipated conditions of normal use. Seek medical attention if irritation develops.
- Symptoms/injuries after ingestion : Not expected to present a significant hazard under anticipated conditions of normal use. Get medical advice/attention if you feel unwell.

#### 4.3. Indication of any immediate medical attention and special treatment needed

None under normal use. Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

No additional information available

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

- Fire hazard : None expected. Liquid will not burn. Dried material will burn with black smoke.
- Explosion hazard : Not determined.
- Reactivity : Refer to the detailed list of incompatible materials (section 10 Stability/Reactivity).

#### 5.3. Advice for firefighters

- Precautionary measures fire : Not determined.
- Firefighting instructions : No specific firefighting instructions required.

### SECTION 6: Accidental release measures

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

General measures : Recover the product with absorbent material.

##### 6.1.1. For non-emergency personnel

- Protective equipment : Wear skin and eye protection during cleanup.
- Emergency procedures : Absorb and/or contain spill with inert material, then place in suitable container. Wash all surfaces with clear water.

##### 6.1.2. For emergency responders

- Protective equipment : Wear personal protective equipment.
- Emergency procedures : Absorb and/or contain spill with inert material, then place in suitable container. Wash all surfaces with clear water.

#### 6.2. Environmental precautions

Clean up any spills as soon as possible, using an absorbent material to collect it.

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

- For containment : Clean up any spills as soon as possible, using an absorbent material to collect it.
- Methods for cleaning up : Absorb and/or contain spill with inert material, then place in suitable container. This material and its container must be disposed of in a safe way.
- Other information : Wash all surfaces with clear water.

#### 6.4. Reference to other sections

No additional information available

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Additional hazards when processed : Use only with adequate ventilation.
- Precautions for safe handling : Reduce/avoid exposure and/or contact.

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Hygiene measures : Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work. Remove/Take off immediately all contaminated clothing.

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

Storage conditions : Keep container tightly closed and in a well-ventilated place. Store in original container. Keep from freezing.

Incompatible materials : Reacts with (some) acids. (some) halogens. and (some) metals.

Storage area : Store tightly closed in a dry, cool and well-ventilated place.

### 7.3. Specific end use(s)

Tire sealant.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Exposure controls

Appropriate engineering controls : Provide adequate ventilation.

Personal protective equipment : Gloves. Safety glasses.



Materials for protective clothing : nitrile rubber.

Hand protection : Protective gloves.

Eye protection : Safety glasses with side-shields.

Skin and body protection : Wear chemically protective gloves, lab coat or apron to prevent prolonged or repeated skin contact.

Respiratory protection : None under normal conditions. No special protection required where adequate ventilation is maintained.

Consumer exposure controls : Wear personal protective equipment.

Other information : Handle product with caution. Read product label carefully before use.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state : Liquid

Appearance : Hazy.

Colour : Cream.

Odour : Mild ammonia.

Odour threshold : No data available

pH : No data available

Melting point : No data available

Solidification point : ~ 2 °C

Boiling point : No data available

Flash point : ~ 100 °C

Relative evaporation rate (butylacetate=1) : No data available

Flammability (solid, gas) : No data available

Explosive limits : No data available

Vapour pressure : No data available

Relative vapour density at 20 °C : No data available

Relative density : No data available

Density : ~ 1 g/l

Solubility : Soluble in water.

Log Pow : No data available

Log Kow : No data available

Self ignition temperature : No data available

Decomposition temperature : No data available

Viscosity, kinematic : No data available

Viscosity, dynamic : No data available

Explosive properties : No data available

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Oxidising properties : No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Refer to the detailed list of incompatible materials (section 10 Stability/Reactivity).

### 10.2. Chemical stability

The product is stable at normal handling and storage conditions.

### 10.3. Possibility of hazardous reactions

None.

### 10.4. Conditions to avoid

Keep from freezing.

### 10.5. Incompatible materials

Reacts with (some) acids, (some) halogens and (some) metals.

### 10.6. Hazardous decomposition products

None.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity	: Not classified
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified

## SECTION 12: Ecological information

### 12.1. Toxicity

No additional information available

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Regional legislation (waste)	: Collect all waste in suitable and labelled containers and dispose according to local legislation. Disposal must be done according to official regulations.
Waste disposal recommendations	: This material and its container must be disposed of in a safe way, and as per local legislation.
Additional information	: Not considered hazardous under US RCRA regulations.

## SECTION 14: Transport information

No dangerous good in sense of transport regulations.

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### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

##### 15.1.1. EU-Regulations

No Annex XVII restrictions

Contains no REACH candidate substance

##### 15.1.2. National regulations

No additional information available

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

### SECTION 16: Other information

Data sources : SDS. Supplier.

SDS EU (REACH Annex II)

*The information contained in this Material Safety Data Sheet has been compiled from reliable sources and is believed to be correct as of the date issued.*

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