

# Material Safety Data Sheet (MSDS)

## ZEFAL SEALANT

### 1. Chemical Product and Company Identification

**Confidential Datas**

Tel: +33 238 597 0 45  
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### 2. Hazards Identification

**Classification of the substance or mixture**

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

This substance is not classified as dangerous according to Directive 67/548/EEC.

**Label elements**

The product does not need to be labelled in accordance with EC directives or respective national laws.

**Other hazards** – none

### 3. Composition\ Information on ingredients:

Hazardous ingredients	CAS No.	WT%	Hazard Classification
Propylene Glycol	57-55-6	10-30	Not Classified
Water	7732-18-5	40-60	Not Classified
Balance of ingredients less than 1% or less than 1% toxics or reproductive hazards.			Not Classified

NOTE: There is a possibility the mixture contains ammonia concentration of less than 0.05%

### 4. First Aid Measures

**General advice**

Consult a physician. Show this safety data sheet to the doctor in attendance.

**If inhaled**

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

**In case of skin contact**

Wash off with soap and plenty of water. Consult a physician.

**In case of eye contact**

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

**If swallowed**

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

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

The most important known symptoms and effects are described in the labelling (see section 2) and/or in

**Indication of any immediate**

## 5. Fire Fighting Measures

### **Extinguishing media**

#### **Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

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

no data available

#### **Advice for firefighters**

Wear self-contained breathing apparatus for firefighting if necessary.

#### **Further information**

The product is not flammable, but may burn if involved in a fire.

## 6. Accidental Release Measures

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

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation.

For personal protection see section 8.

### **Environmental precautions**

Do not let product enter drains.

### **Methods and materials for containment and cleaning up**

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

### **Reference to other sections**

For disposal see section 13.

## 7. HANDLING & STORAGE

### **Precautions for safe handling**

Avoid contact with skin and eyes. Avoid inhalation of vapor or mist.

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

Store in cool place, Keep container tightly closed in a dry and well-ventilated place.

## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTIONS

### **Exposure controls**

#### **Appropriate engineering controls**

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

#### **Personal protective equipment**

##### **Eye/face protection**

Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

##### **Skin protection**

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

##### **Body Protection**

impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

##### **Control of environmental exposure**

Do not let product enter drains.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Pink milky liquid.

Odor: Mild Ammonia.

Flash Point: N.A.

PH: 10

Viscosity at 20°C: 13±1% CPS

Water solubility: Dispersive in water.

## 10. STABILITY AND REACTIVITY

### **Stability**

Stable under normal conditions of handling.

**Material to avoid**

keep away from heat sources, oxidizing agents, acids.

**Hazardous reactions**

Hazardous polymerization will not occur.

**Hazardous decomposition products**

Dry rubber, when ignited, will give off toxic fumes and smoke.

**11. TOXICOLOGICAL INFORMATION****Information on toxicological effects****Acute toxicity**

Propylene glycol:

LD50 Oral - rat - 20.000 mg/kg

LD50 Dermal - rabbit - 20.800 mg/kg

LD50 Intramuscular - rat - 14 g/kg

LD50 Intravenous - dog - 26 g/kg

LD50 Intraperitoneal - rat - 6.660 mg/kg

LD50 Subcutaneous - rat - 22.500 mg/kg

LD50 Intravenous - rat - 6.423 mg/kg

LD50 Intraperitoneal - mouse - 9.718 mg/kg

Remarks: Lungs, Thorax, or Respiration: Chronic pulmonary edema. Kidney, Ureter, Bladder: Changes in both tubules and glomeruli. Blood: Changes in spleen.

LD50 Subcutaneous - mouse - 17.370 mg/kg

Remarks: Behavioral: Change in motor activity (specific assay). Behavioral: Muscle contraction or spasticity.

Cyanosis

LD50 Intravenous - mouse - 6.630 mg/kg

LD50 Intravenous - rabbit - 6.500 mg/kg

**Skin corrosion/irritation**

Skin - Human

Result: Mild skin irritation - 7 d

**Serious eye damage/eye irritation**

Eyes - rabbit

Result: Mild eye irritation

**Respiratory or skin sensitisation**

no data available

**Germ cell mutagenicity**

no data available

**Carcinogenicity**

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**Reproductive toxicity**

no data available

**Specific target organ toxicity - single exposure**

no data available

**Specific target organ toxicity - repeated exposure**

no data available

**Aspiration hazard**

no data available

**Additional Information**

Routes of exposure: ingestion, inhalation, eyes and skin.

**12. ECOLOGICAL INFORMATION****Toxicity**

Toxicity to fish

mortality NOEC - Pimephales promelas (fathead minnow) - 52.930 mg/l - 96 h

Toxicity to daphnia and

mortality NOEC - Daphnia - 13.020 mg/l - 48 h

other aquatic invertebrates

EC50 - Daphnia magna (Water flea) - > 10.000 mg/l - 48 h

**Persistence and degradability**

no data available

**Bioaccumulative potential**

no data available

**Mobility in soil**

no data available

**Results of PBT and vPvB assessment**

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

**Other adverse effects**

no data available

**13. DISPOSAL CONSIDERATIONS**

**Product**

In accordance with national (Special Waste Regulations) and local authority regulations, e.g. special waste or incineration.

**Contaminated packaging**

Treat empty containers in the same way as the product or if possible wash out Thoroughly and recycle.

**14. TRANSPORT INFORMATION**

UN Number: The product is not classified for transport.

**REGULATORY INFORMATION**

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

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

no data available

**Chemical Safety Assessment**

no data available

**15. OTHER INFORMATION**

The information here in was gathered from the raw materials suppliers. It is the duty of the User to verify the data and use the product responsibly as per his requirements and the Producers instructions. Adhestick LTD or its employees will not be held responsible for any Damage caused by the use of this information and/or the product.