

# Material Safety Data Sheet

## Joe's ECO Sealant MSDS



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

#### 1.1 Product identifiers

Product name: Joe's ECO Sealant  
Product Number: #60006  
EC-Number: Not Relevant  
CAS-Number: Not Relevant

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

Identified uses: Most advanced tire flats prevention fluid.

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

Company: Adhestick Innovations Ltd.  
17 Hamelacha St., Afek Ind. Park  
Rosh Ha'ain, 4809144  
ISRAEL  
Telephone: +972-3-9027080  
Fax: +972-3-9027077  
E-mail: Info@adhestick.com

#### 1.4 Emergency telephone number

Emergency Phone Number: +972-3-9027080

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008  
This Product is considered as not hazardous according to regulation.

#### 2.2 Label elements

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

#### 2.3 Other hazards

None.

### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

Not Relevant

#### 3.2 Hazardous ingredients according to Regulation (EC) No 1272/2008

Component	Classification	Concentration
Propylene Glycol		
CAS-No. 57-55-6	---	25%-30%
EC-No. 200-338-0		
Index-No. ---		
Registration number ---		

### SECTION 4: First aid measures

#### 4.1 Description of 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.

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### If swallowed

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

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

The most important known symptoms and effects are described in the labelling (section 2.2) and/or in section 11.

### If inhaled

No Data.

### In case of skin contact

No Data.

### In case of eye contact

No Data.

### If swallowed

No Data.

### Delayed / Immediate effects

No Data.

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

No Data.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

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

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

No Data.

### 5.3 Advice for firefighters

Wear self-contained breathing apparatus for fire-fighting if necessary.

### 5.4 Further information

No Data.

## SECTION 6: Accidental release measures

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

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

### 6.2 Environmental precautions

Do not let product enter drains.

### 6.3 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.

### 6.4 Reference to other sections

For personal protection see section 8.

For disposal see section 13.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. For precautions see section 2.2.

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

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

### 7.3 Specific end use(s)

A part from the uses mentioned in section 1.2 no other specific uses are stipulated.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Components with workplace control parameters

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### 8.2 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. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

##### Body Protection

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

##### Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

##### Control of environmental exposure

Do not let product enter drains.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance	Form: Liquid Color: Light blue
Odor	Spring Flower
Odor Threshold	No Data
pH	11-12
Melting point/freezing point	No Data
Initial boiling point and boiling range	No Data
Flash point	Not Relevant
Evaporation rate	Water=1
Flammability (solid, gas)	Not Flammable
Upper/lower flammability or explosive limits	Upper explosion limit: Not Relevant Lower explosion limit: Not Relevant
Vapor pressure	Not Relevant
Vapor density	Not Relevant
Relative density	Water=1 gr/cm <sup>3</sup>
Non volatiles contains	14±1%
Water solubility	Miscible at any ratio
Partition coefficient: n octanol/water	No Data
Auto-ignition temperature	Not Relevant
Decomposition temperature	<5°C
Viscosity	10-15 cP/ sp.1/ V-100
Explosive properties	No Data
Oxidizing properties	No Data

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### 9.2 Other safety information

None.

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No Data.

### 10.2 Chemical stability

Stable under recommended storage conditions available.

### 10.3 Possibility of hazardous reactions

No Data.

### 10.4 Conditions to avoid

No Data.

### 10.5 Incompatible materials

Acid chlorides, Acid anhydrides, Oxidizing agents, Chloroformates, Reducing agents.

### 10.6 Hazardous decomposition products

No Data.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

Propylene Glycol: Oral – LD50, 20.0 mg/kg (rat)

Dermal – LD50, 20.8 mg/kg (rabbit)

Intramuscular – LD50, 14 g/kg (rat)

Intravenous – LD50, 26 g/kg (dog)

Intravenous – LD50, 6.423 mg/kg (rat)

Intravenous – LD50, 6.630 mg/kg (mouse)

Intravenous – LD50, 6.500 mg/kg (rabbit)

Intraperitoneal – LD50, 6.660 mg/kg (rat)

Intraperitoneal – LD50, 9.718 mg/kg (mouse)

Subcutaneous – LD50, 22.500 mg/kg (rat)

Subcutaneous – LD50, 17.370 mg/kg (mouse)

#### Skin corrosion/irritation

Mild skin irritation

#### Serious eye damage/eye irritation

Mild eye irritation

#### Respiratory or skin sensitization

No Data.

#### Germ cell mutagenicity

No Data.

#### Carcinogenicity

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

#### Reproductive toxicity

No Data.

#### Specific target organ toxicity - single exposure

No Data.

#### Specific target organ toxicity - repeated exposure

No Data.

#### Aspiration hazard

No Data.

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## Additional Information

No Data.

### SECTION 12: Ecological information

#### 12.1 Toxicity

Product/ingredient name	Test	Species	Dose
Propylene Glycol	NOEC/96h	Fish (Pimephales promelas)	52.930 mg/l
	NOEC/48h	Daphnia	13.020 mg/l
	EC50/48h	Daphnia magna	> 10.000 mg/l

#### 12.2 Persistence and degradability

No Data.

#### 12.3 Bioaccumulative potential

No Data.

#### 12.4 Mobility in soil

No Data.

#### 12.5 Results of PBT and vPvB assessment

No Data.

#### 12.6 Other adverse effects

No Data.

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

##### Product

In accordance with national and local authority regulations. Offer surplus and non-recyclable solutions to a licensed disposal company.

##### Contaminated packaging

Treat empty containers in the same way as the product or if possible wash out thoroughly and recycle. Dispose of as unused product.

### SECTION 14: Transport information

**14.1 UN number:** Not classified as dangerous goods for transport.

**14.2 UN proper shipping name:** No dangerous goods

**14.3 Transport hazard class(es):** Not classified as hazardous for transport.

**14.4 Packaging group:** Not Relevant

**14.5 Environmental hazards:** Not Relevant

**14.6 Special precautions for user:** Not Relevant

### SECTION 15: Regulatory information

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

##### International Inventories

Component	TSCA	DSL	NDSL	EINECS	ELINCS	NLP	PICCS	ENCS	AICS	IECSC	KECL
1,2-Propylene glycol	listed	listed	-	200-338-0	-		listed	listed	listed	listed	listed

##### U.S. Federal Regulations

**TSCA 12(b)** Not applicable

**SARA 313** Not applicable

**SARA 311/312 Hazard Categories** Not applicable

**CWA (Clean Water Act)** Not applicable

**Clean Air Act** Not applicable

**OSHA Occupational Safety and Health Administration** Not applicable

**CERCLA** Not applicable

**California Proposition 65** This product does not contain any Proposition 65 chemicals

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## Legend:

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

## 15.2 Chemical Safety Assessment

No Data.

## SECTION 16: Other information

**Full text of H-Statements referred to under sections 2 and 3**

**Full text of P-phrases referred to under sections 2 and 3**

### Further information

This information was gathered from the raw materials suppliers. It is the user responsibly to verify the data and to use this product according to its requirements and instructions. Adhestick Innovations LTD or its employees will not be held responsible for any damage caused by the use of this information and/or the product.

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