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Material Safety Data Sheet (MSDS)

JOES SUPER SEALANT

1. Chemical Product and Company Identification

Name of product: JOES SUPER SEALANT
Product Application: Tubeless and Inner tube Sealant for Mountain Bikes.
Manufacturer: Adhestick Ltd.
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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: White 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.

15. 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

16. 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.