



CHEMICAL PRODUCT SAFETY INFORMATION RECORD

TYRE PASTE

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

Product's name: **MOUNTING PASTE**

Product's internal identification code: **M00667 – M00666**

Company's name: **rubber vulk, Lda.**

Address: Zona Industrial, Lote 21 Vilarinho, 3680-323 Oliveira de Frades

Company's phone: +351 232 763 109 // Fax: +351 232 763 110

E-mail: info@rubbervulk.com

SECTION 2: hazard identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

Danger categories:

Acute toxicity: Acute Tox.4

Indications of danger:

Harmful if swallowed.

2.2. Label elements Regulation

(EC) No. 1272/2008

Hazardous components to be reported on the label

2,2'-Oxydiethanol

Warning:

Caution

Pictograms:



Warning notices

H302

.....gested.

Cautionary advice

P270

Not eat, drink or smoke when using.

P301+P312

IN CASE OF INGESTION: if you feel unwell, contact a CENTER



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P330 POISON CONTROLLER/a doctor.
Rinse the mouth.

2.3. Other dangers

Pursuant to Regulation (EC) no. 1907/2006 (REACH), this product does not contain PBT / vPvB substances.

SECTION 3: Composition/information on ingredients

3.2. Mixtures Chemical

characterization

Soapy preparation without silicone or mineral oils

Hazardous components

Chemical name	Common Name/Synonym	CAS-No.	Concentration (% w/w)
Stearic acid	Octadecanoic acid	57-11-4	$\geq 30 - < 60$ *
Sodium stearate	Octadecanoic acid, sodium salt	822-16-2	$\geq 10 - < 30$ *
Diethylene glycol	2,2'- Oxydiethanol	111-46-6	$\geq 5 - < 10$ *

*Actual concentration or concentration range is withheld as a trade secret

SECTION 4: first aid measures

4.1. Description of first aid measures General

information

Remove soiled or soaked clothing immediately.
In case of persistent complaints, consult a doctor.

Following inhalation

Move to fresh air in case of accidental inhalation of vapors or decomposition products.

After contact with skin

Wash with soap and plenty of water.

After contact with eyes

Rinse immediately with plenty of water also under the eyelids. If eye irritation persists, consult a physician.

Following ingestion

Rinse your mouth and then drink plenty of water.
Do not give anything to unconscious people.
Lay people vomiting supine on their side. Consult a doctor.
The decision to induce vomiting or not rests with the doctor.

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

Harmful if swallowed.
Inhaling the vapors may cause slight irritation to the mucous membranes.



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Repeated or prolonged exposure may cause eye and skin irritation

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

Symptomatic treatment.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing

media

Alcohol-resistant foam, chemical powder, carbon dioxide (CO₂), water spray. Sand

Unsuitable extinguishing media

Full water jet.

5.2. Special hazards arising from the substance or mixture

In the event of a fire, the following may arise:
carbon monoxide and carbon dioxide

5.3. Advice for firefighters

Use self-contained breathing apparatus. Protective clothing.

Further data

Cool containers exposed to danger with water spray.
Contaminated extinguishing water and fire residues must be disposed of in compliance with current legislation.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Attention! Risk of slipping!
In case of vapor formation use a respirator.
Provide for sufficient ventilation.
Use personal protective clothing.

6.2. Environmental precautions

Do not allow to flow into sewers, surface waters and groundwater.

6.3. Methods and materials for containment and cleaning up

Clean with detergents. Avoid the use of solvents. Shovel into suitable containers for disposal.

6.4. Reference to other sections

Observe the precautions for protection (see section 7 and 8)
For disposal see chapter 13.

SECTION 7: Handling and storage

7.1. Precautions for Safe Handling

Instructions for safe use Keep container tightly closed. Avoid contact with skin and eyes.

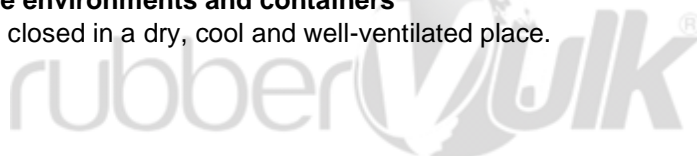
Indications against fire and explosion

No special precautions are required.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage environments and containers

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





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Directions for common storage

Incompatible with:
Strong oxidizing
agents Acids and
bases.

Additional information for storage conditions

Keep away from food, drink and animal feed.

7.3. Particular end uses

Tire assembly paste.

SECTION 8: Exposure controls/personal protection

8.1. control parameters

Exposure limit values (VME/VLE; Suva, 1903.f)

CAS No	Substance	ppm	mg/m ³	f/ml	Category	Provenance
111-46-6	Diethyleneglycol	10	44		EVM 8 h	
		40	176		VLE courte durée	

8.2. Exposure controls

General protection and hygiene measures

Avoid contact with eyes and skin.
Wash hands before breaks and at the end of the working day. When
using, do not eat, drink or smoke.

Eye/face protection

Full protective goggles (EN 166).

Hand protection

Chemical resistant protective gloves made of natural rubber, minimum layer thickness 0.6 mm, permeability
resistance (use time) approx. 480 minutes, e.g. protective glove <Lapren 706> from KCL (www.kcl.de).

This recommendation only refers to the chemical compatibility and the test performed in accordance with
EN 374 under laboratory conditions.

The needs may vary depending on the use. Therefore the specifications of the manufacturer of the protective
gloves must additionally be observed.

Skin protection

Long sleeved clothing (DIN EN ISO 6530)

Respiratory protection

No personal respiratory protective equipment is normally required.

SECTION 9: physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: pasty

Colour:

Odour:

black
mild

Method of determination

pH value:

10.5

Changes in physical state

Fusion point:

Initial boiling point and boiling range:

Sublimation point: Softening

point: Flash point:



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TYRE PASTE about 50°C
244 °C *)
na
na
138°C *)
na
na
10.8 vol. % *)

Flammability

Solid:

Gas:

Explosive properties

Non-explosive product

Lower explosive limits:





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TYRE PASTE ^{1.6 vol-% *)}

Upper explosion limits:	na
Ignition temperature:	na
Auto-on temperature	
Solid:	na
Gas:	na
Decomposition temperature:	na
Combustive properties (oxidants)	
The product has no oxidizing properties	
Steam pressure: (at 25 °C)	0.008 hPa *)
Density (at 20 °C):	1.1 g/cm ³
Apparent density:	na
Water solubility: (at 20°C)	Fully miscible
Solubility in other solvents	
na	na
Partition coefficient:	na
Viscosity / dynamic:	
na	na
Viscosity / kinematics:	na
Scroll time: Vapor	na
Density:	na
Evaporation Rate:	na
Solvent Separation Test:	0 %
Solvent:	about 70 %

9.2. More info

*) 2,2'-Oxydiethanol





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SECTION 10: stability and reactivity

10.1. Reactivity

No decomposition if stored and applied as directed.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Reactions with acids, alkalis and oxidants.

10.4. Conditions to avoid

To avoid thermal decomposition, do not overheat.
Heating can release vapors which can catch fire.

10.5. Incompatible

materials Strong oxidizing agents Acids and bases.

10.6. Hazardous decomposition products

Carbon monoxide and carbon dioxide

SECTION 11: toxicological information

11.1. Information on toxicological effects

Acute toxicity

Harmful if swallowed.
No toxicological data are available.
2,2'-Oxydiethanol
LD50/oral/Human = 1000 mg/kg
LD50/oral/rat 12600 mg/kg
LD50/dermal/rabbit 11890 mg/kg

Irritation and corrosivity

Based on available data, the classification criteria are not met.

Sensitizing effects

Based on available data, the classification criteria are not met.

Carcinogenic, mutagenic, toxic effects for reproduction

Based on available data, the classification criteria are not met.

Specific target organ toxicity (STOT) - single exposure

Based on available data, the classification criteria are not met.

Specific target organ toxicity (STOT) - repeated exposure

Based on available data, the classification criteria are not met.

Danger in case of aspiration

Based on available data, the classification criteria are not met.

Additional data for analysis

The classification was made according to the calculation method of Regulation (EC) No. 1272/2008 (CLP).

Practical experiences

Further remarks

Inhaling the vapors may cause slight irritation to the mucous membranes.
Repeated or prolonged exposure may cause eye and skin irritation.
With proper handling and under observation of the generally applicable hygiene regulations, no damage to health has become known.

SECTION 12: ecological information



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12.1. Toxicity

Ecological data are not available.

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

Pursuant to Regulation (EC) no. 1907/2006 (REACH), this product does not contain PBT / vPvB substances.

12.6. Other adverse effects

Water contaminant.

Further data

Do not flush into surface water or sanitary sewer system.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Information on disposal

Can be incinerated when local legislation permits. Recycling is recommended instead of landfilling.

Product waste code (RS 814.610.1, OTRif)

160199 Wastes not otherwise specified in the list; End-of-life vehicles belonging to different modes of transport (including non-road mobile machinery) and wastes from end-of-life vehicle dismantling and vehicle maintenance (except those covered by chapters 13, 14, 16 06 or 16 08); Refuse not otherwise specified

Disposal of contaminated packaging and recommended cleaning agents

Empty containers must be given to authorized local companies for recycling and disposal as waste. Contaminated packaging must be completely emptied and after adequate cleaning can be reused. Non-washable packaging must be disposed of in the same way as the substance contained.

SECTION 14: transport information

Road transport (ADR/RID)

14.1. UN number: Non-dangerous goods on the basis of transport regulations.

14.2. UN proper shipping name: Non-dangerous goods on the basis of transport

14.3. Transport hazard classes: regulations. Non-dangerous goods on the basis of transport regulations.

14.4. Packing group: Non-dangerous goods on the basis of transport regulations.

River transport (ADN)

14.1. UN number: Non-dangerous goods on the basis of transport regulations.

14.2. UN proper shipping name: Non-dangerous goods on the basis of transport regulations.

14.3. Transport hazard classes: Non-dangerous goods on the basis of transport regulations.

14.4. Packing group: Non-dangerous goods on the basis of transport regulations.

Ship Transport (IMDG)

14.1. UN number: Non-dangerous goods on the basis of transport regulations.

14.2. UN proper shipping name: Non-dangerous goods on the basis of transport

14.3. Transport hazard classes: regulations. Non-dangerous goods on the basis of



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transport

regulations.

Non-dangerous goods on the basis of transport regulations.

14.4. Packing group:

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number:

Non-dangerous goods on the basis of transport regulations.

14.2. UN proper shipping name:

Non-dangerous goods on the basis of transport

14.3. Transport hazard classes:

regulations. Non-dangerous goods on the basis of

14.4. Packing group: 14.5.

transport regulations.

Dangers to the environment

DANGEROUS FOR THE ENVIRONMENT:

Non-dangerous goods on the basis of transport regulations.

No

14.6. Special precautions for user

Non-dangerous goods on the basis of transport regulations.

14.7. Transport in bulk according to MARPOL annex II and the IBC code

Non-dangerous goods on the basis of transport regulations.

SECTION 15: Regulatory information

15.1. Safety, health and environmental laws and regulations specific to the substance or mixture





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EU regulation

2004/42/EC (VOC):
Indications with reference to
directive 2012/18/EU (SEVESO
III):

0 %
Not subject to directive 2012/18/EU (SEVESO III)

National regulation

Work limits:

Comply with the employment restrictions in accordance with the Ordinance on the Protection of Young Workers, OLL 5 (SR 822.115). Young people undergoing basic vocational training are only allowed to work with this product if this is stipulated in the respective training ordinances for the achievement of training goals and if the conditions of the training plan and the applicable age restrictions are met. Young people who do not undergo basic vocational training cannot use this product. Workers of both sexes up to the age of 18 are considered young.

Comply with the limits on use according to the ordinance on the protection of the maternity (RS 822.111.52) during pregnancy and maternity. Pregnant women and nursing mothers may only come into contact with this product (this substance / this preparation) if, based on a risk assessment in accordance with Article 63 OLL 1 (SR 822.111), no concrete threats to the health of the mother and child or if such threats can be countered by adequate protective measures.

15.2. Chemical safety assessment

A safety assessment has not been carried out for this substance.

SECTION 16: other information

Changes

Compared to the previous one, this safety data sheet contains the following changes in the section: 9.

Abbreviations and acronyms

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route
RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses
ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation inté
IMDG = International Maritime Code for Dangerous Goods
IATA/ICAO = International Air Transport Association / International Civil Aviation Organization
MARPOL = International Convention for the Prevention of Pollution from Ships
IBC-Code = International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk
GHS = Globally Harmonized System of Classification and Labeling of Chemicals
REACH = Registration, Evaluation, Authorization and Restriction of Chemicals
CAS= Chemical Abstract Service
EN = European norm
ISO = International Organization for Standardization
DIN = Deutsche Industrie Norm
PBT = Persistent Bioaccumulative and Toxic
vPvB = Very Persistent and very Bio-
accumulative LD = Lethal dose
LC = Lethal concentration
EC = Effect concentration
IC = Median immobilization concentration or median inhibitory concentration

Text of H and EUH statements (number and full text)

H302 Harmful if ingested.



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The instructions from points 4 to 8, as well as 10 to 12 do not speak specifically of the normal use of the product (see information on use and product), but of the release of large quantities in the event of an accident or irregular use.

This information only describes the safety requirements of the product(s) and is based on the current state of our knowledge.

For supply specifications, refer to the respective technical bulletins of the products.

They do not represent a guarantee of the properties of the described product(s) in the sense of the legal provisions.

(na - not applicable, na - not determined)

(All data on dangerous ingredients were respectively taken from the latest version of the subcontractor's safety data sheet.)