

Safety Data Sheet

TIRE MOUNTING PASTE

Version 2.0

Revision Date 05/21/2014

Print Date 05/23/2014

SECTION 1. IDENTIFICATION

Commercial Product Name : TIRE MOUNTING PASTE
Product number : 08901221
SDS-Identcode : 10033010
Product Use Description : Anti-friction agent and lubricant
Company : Wurth USA Inc.
93 Grant St.
07446 Ramsey, NJ
USA
Telephone : +1 201 825 27 10
Telefax : +1 201 825 16 43
Responsible/issuing person : prodsafe@wuerth.com
Emergency telephone number : +1 800 255 3924

SECTION 2. HAZARDS IDENTIFICATION**GHS Classification**

Not a hazardous substance or mixture.

GHS Label element

Not a hazardous substance or mixture.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS-No.	Weight percent- Weight percent
Stearic acid	57-11-4	>= 5 - < 10
2,2'-oxybisethanol	111-46-6	>= 1 - < 5
Polyethylene glycol	25322-68-3	>= 1 - < 5

SECTION 4. FIRST AID MEASURES

General advice : If you feel unwell, seek medical advice (show the label where possible). Never give anything by mouth to an unconscious person. Take off contaminated clothing and shoes immediately.

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- Inhalation : If breathed in, move person into fresh air.
- Skin contact : Immediately flush skin with large amounts of water. If skin irritation persists, call a physician.
- Eye contact : If easy to do, remove contact lens, if worn. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- Ingestion : If swallowed, DO NOT induce vomiting. If symptoms persist, call a physician. If a person vomits when lying on his back, place him in the recovery position.

Notes to physician

- Treatment : Treat symptomatically and supportively.

SECTION 5. FIREFIGHTING MEASURES

- Form : paste
- Flash point : ca.240 °C (464 °F)
Method: DIN 51376
- Ignition temperature : ca.400 °C (752 °F)
- Suitable extinguishing media : Water spray jet
Alcohol-resistant foam
Carbon dioxide (CO₂)
Dry chemical
- Specific hazards during firefighting : Do not use a solid water stream as it may scatter and spread fire.
Hazardous decomposition products may be formed under fire conditions (see section 10).
Exposure to decomposition products may be a hazard to health.
- Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.
Use personal protective equipment.

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- Further information : Standard procedure for chemical fires.
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
In the event of fire and/or explosion do not breathe fumes.
Use water spray to cool unopened containers.
Collect contaminated fire extinguishing water separately.
This must not be discharged into drains.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Refer to protective measures listed in sections 7 and 8.
Ensure adequate ventilation, especially in confined areas.
Avoid inhalation of vapour or mist.
- Environmental precautions : Do not flush into surface water or sanitary sewer system.
Prevent further leakage or spillage if safe to do so.
If the product contaminates rivers and lakes or drains inform respective authorities.
- Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Keep in suitable, closed containers for disposal.
Clean contaminated surface thoroughly.

SECTION 7. HANDLING AND STORAGE**Handling**

- Handling : For personal protection see section 8.
Do not breathe vapours or spray mist.
Avoid contact with skin and eyes.
- Advice on protection against fire and explosion : Normal measures for preventive fire protection.
- Dust explosion class : Not applicable

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Storage

- Requirements for storage areas and containers : Keep containers tightly closed in a dry, cool and well-ventilated place.
Protect from frost, heat and sunlight.
- Advice on common storage : Keep away from food, drink and animal feedingstuffs.
- Storage temperature : $\leq 50\text{ }^{\circ}\text{C}$ ($\leq 122\text{ }^{\circ}\text{F}$)

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Exposure Guidelines**

Components	CAS-No.	List	Type:	Value	Update
Stearic acid	57-11-4	ACGIH	TWA	10 mg/m ³	2013-03-01
2,2'-oxybisethanol	111-46-6	US WEEL	TWA	10 mg/m ³	2008-01-01
Polyethylene glycol	25322-68-3	US WEEL	TWA	10 mg/m ³	2011-10-13

- Engineering measures : Provide adequate ventilation.
- Eye protection : In case of splash hazard, please wear protective goggles.
- Hand protection : Recommended preventive skin protection
Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to place of work.
For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer.
- Skin and body protection : Choose body protection according to the amount and concentration of the dangerous substance at the work place.
- Respiratory protection : In the case of vapour formation use a respirator with an approved filter.
- Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.

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General industrial hygiene practice.
Avoid breathing vapours, mist or gas.
Avoid contact with skin, eyes and clothing.
When using do not eat, drink or smoke.
Wash hands before breaks and at the end of workday.
Wash contaminated clothing before re-use.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Form	: paste
Physical state	: liquid
Colour	: in accordance with the product description
Odour	: mild
Odour Threshold	: No data available
Flash point	: ca.240 °C (464 °F) Method: DIN 51376
Ignition temperature	: ca.400 °C (752 °F)
Thermal decomposition	: No data available
Lower explosion limit	: Not applicable
Upper explosion limit	: Not applicable
Flammability	: No data available
Molecular weight	: No data available
pH	: ca. 8 at 20 °C (68 °F) (as an emulsion)
Melting point/range	: ca.50 °C (122 °F)
Boiling point/boiling range	: Not applicable
Vapour pressure	: at 20 °C (68 °F) No data available
Relative vapour density	: No data available
Evaporation rate	: No data available
Density	: 1.06 g/cm ³ at 20 °C (68 °F)

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Relative density	: No data available
Bulk density	: No data available
Water solubility	: completely miscible
Partition coefficient: n-octanol/water	: No data available
Solubility in other solvents	: No data available
Viscosity, dynamic	: No data available
Viscosity, kinematic	: No data available

SECTION 10. STABILITY AND REACTIVITY

Hazardous decomposition products	: Carbon oxides Build-up of dangerous/toxic fumes possible in cases of fire/high temperature.
Hazardous reactions	: Note: No decomposition if stored and applied as directed.

SECTION 11. TOXICOLOGICAL INFORMATION

Carcinogenicity	: No data is available on the product itself.
Reproductive toxicity	: No data is available on the product itself.
Teratogenicity	: No data is available on the product itself.

Component:

2,2'-oxybisethanol

111-46-6

Acute oral toxicity: LD50
Dose: > 300 - 2,000 mg/kg**Carcinogenicity:****ACGIH**

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

OSHA

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

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NTP No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

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.

SECTION 12. ECOLOGICAL INFORMATION

Adsorbed organic bound : not included
halogens (AOX)
Additional ecological : The product should not be allowed to enter drains, water
information courses or the soil.

SECTION 13. DISPOSAL CONSIDERATIONS

Adequate disposal : In accordance with local and national regulations.
Do not dispose of waste into sewer.
Do not dispose of together with household waste.

SECTION 14. TRANSPORT INFORMATION

DOT 49 CFR
Not dangerous goods

TDGR
Not dangerous goods

ICAO/IATA-DGR
Not dangerous goods

IMDG-Code
Not dangerous goods

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SECTION 15. REGULATORY INFORMATION**SARA 311/312 Hazards** : No SARA Hazards**PENN RTK** US. Pennsylvania Worker and Community Right-to-Know Law (34 Pa. Code Chap. 301-323)

<u>Components</u>	<u>CAS-No.</u>
2,2'-oxybisethanol	111-46-6
water	7732-18-5
Stearic acid	57-11-4
Polyethylene glycol	25322-68-3

MASS RTK US. Massachusetts Commonwealth's Right-to-Know Law (Appendix A to 105 Code of Massachusetts Regulations Section 670.000)
No components are subject to the Massachusetts Right to Know Act.**NJ RTK** US. New Jersey Worker and Community Right-to-Know Act (New Jersey Statute Annotated Section 34:5A-5)

<u>Components</u>	<u>CAS-No.</u>
2,2'-oxybisethanol	111-46-6
water	7732-18-5
Stearic acid	57-11-4
additive	
Polyethylene glycol	25322-68-3

California Prop. 65 : This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

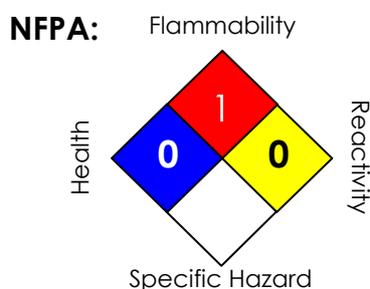
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SECTION 16. OTHER INFORMATION**Further information****HMIS III:**

HEALTH	0
FLAMMABILITY	1
PHYSICAL	0

0 = Insignificant, 1 = Slight,
2 = Moderate, 3 = High, 4 = Extreme

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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