SAFETY DATA SHEET

Brake Squeal Silencer



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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Identification of the substance preparationCeramLub purpleArt. Nr. 2213

Use of the substance/preparation Fitting & release paste

Company/undertaking identification

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2. HAZARDS IDENTIFICATION

Preparation is not classified as hazardous in the sense of directive 1999/45/EC. **To people** See point 11 and 15 **To the environment** See point 12 Product can compose a film on the water surface, which can prevent oxygen exchange.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name			
Content %	Symbol	R-phrases	EINECS, ELINCS
	Registration number (ECHA)	DNEL	PNEC

Propylene carbonate			
1 -< 20	Xi	36	203-572-1

For complete wording of the R-phrases, refer to point 16.

4. FIRST AID MEASURES

4.1 Inhalation

Remove person from danger area. Supply person with fresh air and consult doctor according to symptoms. The following may occur: Irritation of the respiratory tract.

4.2 Eye contact

Wash thoroughly for several minutes using copious water. Seek medical help if necessary. Keep Data Sheet available.

4.3 Skin contact

Wash thoroughly with soap and copious water . remove contaminated clothing immediately. If skin irritation occurs (redness etc.), consult doctor.

4.4 Ingestion

Do not induce vomiting. Consult doctor immediately. The following may occur: Danger of aspiration. Nausea Vomiting **4.5 Special resources necessary for first aid** n.c.

5. FIRE-FIGHTING MEASURES

5.1 Suitable extinguishing media

Cool container at risk with water. CO2 Foam Dry Extinguisher

5.2 Extinguishing media which shall not be used for safety reasons

High volume water jet

5.3 Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

In case of fire the following can develop: Aldehydes Oxides of carbon Oxides of nitrogen Oxides of sulphur Flammable vapor/air mixtures. Hot product gives off combustible vapors. Vapors heavier than air. NOx Toxic gases **5.4 Special protective equipment for fire-fighters** Protective respirator with independent air supply

Full protection, if necessary

5.5 Further information

Dispose of contaminated extinction water according to official regulations.

6. ACCIDENTAL RELEASE MEASURES

Refer to point 13, and for personal protection refer to point 8.

6.1 Personal precautions

Avoid formation of oil mist. Remove possible causes of ignition . do not smoke. Avoid inhalation, and contact with eyes or skin. If applicable, caution . risk of slipping. Do not carry cleaning cloths soaked in product in trouser pockets. **6.2 Environmental precautions** If leakage occurs, dam up.

Prevent from entering drainage system. Prevent surface and ground-water infiltration, as well as ground penetration. If accidental entry into drainage system occurs, inform responsible authorities.

6.3 Methods for cleaning up

Collect using absorbent material (e.g. Universal binding medium), and dispose of according to point 13.

7. HANDLING AND STORAGE

7.1 Handling Tips for safe handling: See point 6.1 Ensure good ventilation. Keep away from sources of ignition . Do not smoke. Wash hands before breaks and at end of work. Eating, drinking, smoking, as well as food-storage, is prohibited in work-room. General hygiene measures for the handling of chemicals are applicable. Observe directions on label and instructions for use. Do not heat to temperatures close to flash point. Take measures against electrostatic charging, if appropriate. If applicable: Use explosion-proof equipment. 7.2 Storage Requirements for storage rooms and containers: Nor to be stored in gangways or stair wells. Store product closed and only in original packing. Do not store with flammable or self-igniting materials. Do not store with oxidizing agents. Special storage conditions: See point 10

Protect against moisture and store closed. Store cool.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

8.1 Exposure limit values

Chemical Name WEL-TWA: 5mg/m3 (ACGIH) BMGV:	Oil mist, mineral WEL-STEL: 10mg/m3 (ACGIH) Other Information:	Content %:
Chemical Name	Graphite	Content %:
WEL-TWA: 10mg/m3 (total inh. Dust), 4 mg/m3 (res. dust)	WEL-STEL:	
BMGV:	Other Information:	
Chemical Name	Calcium carbonate	Content %:
WEL-TWA: 4mg/m3 (respirable dust), 10mg/m3 (total inhalable dust)	WEL-STEL:	
BMGV:	Other Information:	
Chemical Name	Quartz	Content %:
WEL-TWA: 0,1 mg/m3 (silica, respirable,	WEL-STEL:	
Crystalline)		
BMGV:	Other Information:	

WEL-TWA = Workplace Exposure Limit . Long-term exposure limit (8-hour TWA (= time weighted average) reference period)

EH40. AGW = % rbeitsplatzgrenzwert+(workplace limit value, Germany). / WEL-STEL = Workplace Exposure Limit . Short-terme exposure limit (15-minute reference period). / BMGV = Biological monitoring guidance value EH40. BGW = % iologischer Grenzwert+(biological limit value, Germany) / Other Information: Sen = Capable of causing occupational asthma. Sk = Can be adsorbed through skin. Carc = Capable of causing cancer and /or heritable genetic damage. ** = The exposure limit for this substance is repealed through the TRGS 900 (Germany) of January 2006 with the goal revision.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Ensure good ventilation. This can be achieved by local suction or general air extraction. If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn.

Applies only if maximum permissible exposure values are listed here. General hygiene measures for handling of chemicals are applicable. Wash hands before breaks and at end of work. Keep away from food, drink and animal feedingstuffs.

Respiratory protection: With oil mist formation When handling concentrates. Filter A P 3 (EN 14387)	Normally not necessary.
Hand protection: Protective Neopren gloves (EN 374). Protective hand cream recommended.	Protective nitrile gloves (EN 374)
Eye protection:	Tight fitting protective goggles (EN 166) with side protection, with danger of projections.
Skin protection:	Protective working garments (e.g. safety shoes EN 344, long-sleeved protective working garments)

Additional information on hand protection . No tests have been performed.

Selection made for preparations according to the best available knowledge and information on the ingredients.

Selection of materials derived from glove manufacturers indications.

Final selection of glove material must be made taking the breakthrough times, permeation rate sand degradation into account.

Selection of a suitable glove depends not only on the material but also on other quality characteristics and varies from manufacturer to manufacturer.

In the case of preparations the resistance of glove materials cannot be calculated in advance so it has to be tested before use. The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

8.2.2 Environmental exposure controls

n.av.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Color: Odor: Boiling point/boiling range (°C): Melting point/melting range (°C): Flash point (°C): Vapor pressure: Density (g/ml): Water Solubility: Partition coefficient (n-octanol/water): Viscosity:	Liquid Purple Hydrocarbons Not specified > 280, (Particulars of main substances contained) Not detected 1,05 Insoluble > 6, (Particulars of main substances contained) Not detected
Viscosity: Penetration:	
	203. 2337 23 G (1/10mill) DIN 130 2137

10. STABILITY AND REACTIVITY

Conditions to avoid

See point 7 Stable when handled and stored correctly. Open flame, ignition sources

Materials to avoid

See point 7 Avoid contact with strong oxidizing agents. Avoid contact with other chemicals.

Hazardous decomposition products See point 5.3

11. TOXICOLOGICAL INFORMATION

Acute toxicity and immediate effects

Ingestion, LD50 rat oral (mg/kg):	n.av.
Inhalation, LC50 rat inhal. (mg/l/4h):	n.av.
Skin contact, LD50 rat dermal (mg/kg):	n.av.
Eye contact:	n.av.

Delayed and chronic effects

Sensitization:	n.c
Carcinogenicity:	n.c
Mutagenicity:	n.c.
Reproductive toxicity:	n.c.
Narcosis:	n.c.

Further information

No classification according to calculation procedure.

12. ECOLOGICAL INFORMATION

Water hazard class (Germany): Self classification: Persistence and degradability: Behavior in sewage plants: Aquatic toxicity: Ecological toxicity: Not classified n.a. Potentially biologically degradable. Prevent from entering drainage system. Not detected Not detected

13. DISPOSAL CONSIDERATIONS

13.1 for the material / preparation / residue

Soaked polluted cloths, paper or other organic materials represent a fire hazard and should be controlled, collected and disposed of.

EC disposal code no.:

The waste codes are recommendations based on the scheduled use of this product.

Owing the user specific conditions for use and disposal, other waste codes may be allocated under certain

circumstances. (2001/118/EC, 2001/119/EC, 2001/573/EC)

13 02 05 mineral-based non-chlorinated engine, gear and lubricating oils

13 08 99 wastes not otherwise specified

Recommendation:

Pay attention to local and national official regulations

Implement substance recycling.

E.g. suitable incineration plant.

Do not dispose of with household waste.

13.2 for contaminated packing material

See point 13.1

Pay attention to local and national official regulations

Uncontaminated packaging can be recycled.

Dispose of packaging that cannot be cleaned in the same manner as the substance.

Soaked polluted cloths, paper or other organic materials represent a fire hazard and should be controlled, collected and disposed of.

14. TRANSPORT INFORMATION

General Statements		
UN-Number	n.a.	
Road/Rail-transport (ADR/RID)		
Class/packing group:	n.a.	
Classification code:	n.a.	
LQ:	n.a.	
Transport by sea		
IMDG-code:	n.a.	(class/packing group)
Marine Pollutant:	n.a.	
Transport by air		
IATA:	n.a.	(class/secondary danger/packing group)
Additional information:		
Nee deserves meterial according to Transport Desudation	_	

Non-dangerous material according to Transport Regulations.

15. REGULATORY INFORMATION

Classification according to Dangerous Product Regulations incl. EC Directives (67/548/EEC and 1999/45/EC)

Not applicable

Symbols: Indications of danger: R-phrases:

S-phrases:

Additions: Safety data sheet available for professional user on request. Observe restrictions: n.a.

16. OTHER INFORMATION

 These details refer to the product as delivered.

 Storage class VCI (Germany):
 10.13

 Revised points:
 n.a.

 The following phrases represent the prescribed R-phrases for the ingredients (designated in point 3).

 36 Irritating to eyes.

LEGEND:

n.a. = not applicable / n.v., k.D.v. = n.av. = not available / n.g. = n.c. =not checked WEL = Workplace Exposure Limit EH40, TWA = Long-term exposure limit (8-hour TWA (= time weighed average) reference period), STEL = Short-term exposure limit (15-minute reference period) / BMGV = Biological monitoring guidance value EH40 AGW = %arbeitsplatzgrenzwert+(workplace limit value, Germany) / BGW = %Biologischer Grenzwert+(biological limit value, Germany)

VbF = Regulations for flammable liquids (Austria)

WGK = water hazard class (Germany) . WGK 3 = very hazardous, WGK 2 = hazardous, WGK 1 = slightly hazardous to water

VOC = Volitale organic compounds / AOX = Adsorbable organic halogen compounds

VwVwS = Administrative Order relating to substances hazardous to water (Germany)

The statement made here should describe the product with regard to the necessary safety precautions . they are not meant to guarantee definite characteristics . but they are based on our present up-to-date knowledge. No responsibility.