



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

1.1 Product identifier:

Trade name: Textar Ceratec

Material number: 81000400, 81000500

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

Intended use: High temperature grease

1.3 Details of the supplier of the MSDS:

TMD Friction Services GmbH

Schlebuscher Str. 99

51381 Leverkusen / Germany

www.tmdfriction.com

E-mail: serviceline@tmdfriction.com

Contact: Tel. +49 (2171)703 2905

1.4 Emergency telephone number:

National Poisons Information,

Universitätsklinikum Bonn

Adenauerallee 119

D-53113 Bonn

Tel: +49 (0)228-19240

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture:

Classification (CLP):

The substance or mixture is not hazardous according to Regulation (EC) No 1272/2008 (CLP).

2.2 Label elements

Label elements (CLP):

The substance or mixture is not hazardous according to Regulation (EC) No 1272/2008 (CLP).

2.3 Other hazards

None if used properly.

Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.

SECTION 3: Composition/information on ingredients

General chemical description:

Lubricant

Base substances of preparation:

Mineral oil

Declaration of the ingredients according to CLP (EC) No 1272/2008:

Contains no dangerous substances exceeding the limits of the EU-Regulation

SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation:

Move to fresh air, consult doctor if complaint persists.

Skin contact:

Rinse with running water and soap. Apply replenishing cream. Change all contaminated clothing.

Eye contact

Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.

Ingestion

Rinse mouth, drink 1-2 glasses of water, do not induce vomiting, consult a doctor.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

See section: Description of first aid measures.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

All common extinguishing agents are suitable.

Extinguishing media which must not be used for safety reasons

High pressure waterjet.

5.2 Special hazards arising from the substance or mixture

In case of fire toxic gases can be released.

5.3 Advice for firefighters

Wear self-contained breathing apparatus.

Wear protective equipment.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment.

6.2 Environmental precautions

Do not empty into drains / surface water / ground water.

6.3 Methods and material for containment and cleaning up

Remove mechanically.

Dispose of contaminated material as waste according to Chapter 13.

6.4 Reference to other sections

See advice in chapter 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Hygiene measures:

Wash hands before work breaks and after finishing work.

Do not eat, drink or smoke while working.



7.2 Conditions for safe storage, including any incompatibilities

Ensure good ventilation/extraction.
Store in a cool, dry place.

7.3 Specific end use(s)

High temperature grease.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits
Valid for Great Britain.
None.

Occupational Exposure Limits
Valid for Ireland.
None.

Biological Exposure Indices:
None

8.2 Exposure controls

Engineering controls:

Ensure good ventilation/extraction.

Respiratory protection:

In case of dust formation, we recommend wearing of appropriate respiratory protection equipment with particle filter P (EN 14387). This recommendation should be matched to local conditions.

Hand protection:

Chemical-resistant protective gloves (EN 374). Suitable materials for short-term contact or splashes (recommended: at least protection index 2, corresponding to > 30 minutes permeation time as per EN 374): Polychloroprene (CR; >= 1 mm thickness) or natural rubber (NR; >=1 mm thickness) Suitable materials for longer, direct contact (recommended: protection index 6, corresponding to > 480 minutes permeation time as per EN 374): Polychloroprene (CR; >= 1 mm thickness) or natural rubber (NR; >=1 mm thickness) This information is based on literature references and on information provided by glove manufacturers, or is derived by analogy with similar substances. Please note that in practice the working life of chemical-resistant protective gloves may be considerably shorter than the permeation time determined in accordance with EN 374 as a result of the many influencing factors (e.g. temperature). If signs of wear and tear are noticed then the gloves should be replaced.

Eye protection:

Protective goggles.

Protective eye equipment should conform to EN166.

Skin protection:

Wear protective equipment.

Protective clothing should conform to EN 14605 for liquid splashes or to EN 13982 for dusts.

Advices to personal protection equipment:

Use only personal protection that's CE-labelled according to Directive 89/686/EEC (Europe) or to Regulation No. 819 of 19 August 1994 (Norway).

The information provided on personal protective equipment is for guidance purposes only. A full risk assessment should be conducted prior to using this product to determine the appropriate personal protective equipment to suit local conditions. Personal protective equipment should conform to the relevant EN standard.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	solid material pasty brownish
Odor	characteristic
pH	No data available / Not applicable
Initial boiling point	No data available / Not applicable
Flash point	not applicable
Decomposition temperature	No data available / Not applicable
Vapour pressure	No data available / Not applicable
Density	0,9 g/cm ³
(20 °C (68 °F))	
Bulk density	No data available / Not applicable
Viscosity	100.000 – 130.000 mPa.s
(Brookfield; Instrument: LVT; 25 °C (77 °F); speed of rotation: 30 min ⁻¹ ; Spindle No: 3)	
Viscosity (kinematic)	No data available / Not applicable
Explosive properties	No data available / Not applicable
Solubility (qualitative)	Insoluble
(20 °C (68 °F); Solvent: Water)	
Solidification temperature	No data available / Not applicable
Melting point	No data available / Not applicable
Flammability	No data available / Not applicable
Auto-ignition temperature	No data available / Not applicable
Explosive limits	No data available / Not applicable
Partition coefficient: n-octanol/water	No data available / Not applicable
Evaporation rate	No data available / Not applicable
Vapor density	No data available / Not applicable
Solid content	6 %
Oxidising properties	No data available / Not applicable

9.2 Other information

No data available / Not applicable.

SECTION 10: Stability and reactivity

10.1 Reactivity:

None if used for intended purpose.

10.2 Chemical stability:

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions:

See section reactivity.

10.4 Conditions to avoid:

None if used for intended purpose.

10.5 Incompatible materials:

None if used properly.

10.6 Hazardous decomposition products:

No decomposition if used according to specifications.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

General toxicological information:

To the best of our knowledge no harmful effects are to be expected if the product is handled and used properly.

SECTION 12: Ecological information

General ecological information:

Do not empty into drains, soil or bodies of water.

12.1 Toxicity

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential / 12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product disposal:

In consultation with the responsible local authority, must be subjected to special treatment.

Waste code

The valid EWC waste code numbers are source-related. The manufacturer is therefore unable to specify EWC waste codes for the articles or products used in the various sectors. The EWC codes listed are intended as a recommendation for users. We will be happy to advise you.

SECTION 14: Transport information

14.1 UN number

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.2 UN proper shipping name

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR

14.3 Transport hazard class(es)

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR

14.4 Packing group

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR

14.5 Environmental hazards

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR

14.6 Special precautions for user

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable



SECTION 15: Regulatory information

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

VOC content 0 %
(VOCV 814.018 VOC regulation CH)

VOC Paints and Varnishes (EU):

Product (sub)category: This product is not a subject of the Directive 2004/42/EC

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out

SECTION 16: Other information

Further information:

Revisions	Changes to this issue of the data sheet are indicated by a bar in the left margin
Date of issue/ Date of revision	28.09.2017
Date of previous issue	27.03.2013
Version	2

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.