

Granat Net Schleifmittel

Revision date: 20.03.2024

Product code: 11912-0036

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

1.1. Product identifier

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

Use of the substance/mixture

Coated abrasives for the grinding/sanding of different kinds of materials.

Uses advised against

No data available.

1.3. Details of the supplier of the safety data sheet

Company name:	Festool GmbH	
Street:	Wertstraße 20	
Place:	D-73240 Wendlingen	
Telephone:	+49(0)7024 804 0	Telefax: +49 (0)7024 804 600
Internet:	www.festool.com	
Responsible Department:	Responsible for the safety data sheet: sds@gbk-ingelheim.de	

1.4. Emergency telephone number:

Public Poisons Information Line: +353 (0) 1 809 2166 (8am-10pm 7 days a week)
Emergency telephone :+49 (0) 6132 / 84463 (GBK GmbH, Ingelheim)

Further Information

As an article the product does not need to be labelled in accordance to the EC-directives or respective national law. Although this product does not require a hazard warning label, we recommend that the safety advice should be observed.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

This mixture is not classified as hazardous in accordance with Regulation (EC) No 1272/2008.

Not applicable.

As an article the product does not need to be labelled in accordance to the EC-directives or respective national law. Although this product does not require a hazard warning label, we recommend that the safety advice should be observed.

2.2. Label elements

Additional advice on labelling

As an article the product does not need to be labelled in accordance to the EC-directives or respective national law. Although this product does not require a hazard warning label, we recommend that the safety advice should be observed.

2.3. Other hazards

No data available

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Abrasives.

Note: This product is an "article".

Hazardous components

none (according to Regulation (EC) No 1907/2006 (REACH))

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SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

Inhalation is not considered a potential route of exposure.

After contact with skin

No harmful effects known.

After contact with eyes

Contact with eyes is not considered a potential route of exposure.

After ingestion

Not likely, due to the form of the product.

Consult a physician if necessary.

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

No information available.

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

Treat symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Sand, Foam, carbon dioxide (CO₂), dry chemical, water-spray.

Use fire fighting measures that suit the environment and products stored.

Unsuitable extinguishing media

Full water jet.

5.2. Special hazards arising from the substance or mixture

Fire may produce: Toxic gases/vapours.

5.3. Advice for firefighters

Use breathing apparatus with independent air supply.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

No specific precautions required.

6.2. Environmental precautions

No specific precautions required.

6.3. Methods and material for containment and cleaning up

Other information

No specific precautions required.

6.4. Reference to other sections

Informations for safe handling look up chapter 7.

Informations for personal protective equipment look up chapter 8.

Informations for disposal look up chapter 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

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Advice on safe handling

Follow instructions of grinding machine manufacturers and the relevant national regulations. In addition, observe the safety recommendations of the manufacturer.

Advice on protection against fire and explosion

Usual measures for fire prevention.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Not known.

7.3. Specific end use(s)

Coated abrasives for the grinding/sanding of different kinds of materials.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional advice on limit values

Before grinding it is recommended to perform a risk assessment and to use personal protection equipment accordingly.

Note: Hazardous dust of the workpiece material may be generated during grinding and/or sanding operations. National regulations for dust exposure limit values have to be taken into consideration.

8.2. Exposure controls

Appropriate engineering controls

Provide appropriate exhaust ventilation at places where dust is formed.

Individual protection measures, such as personal protective equipment

Eye/face protection

Safety goggles, in case of increased risk add protective face shield.
(Type depends on specific application and material being ground.)

Hand protection

Wear suitable gloves.
(Type depends on specific application and material being ground.)

Skin protection

Wear protective clothing.
(Type depends on specific application and material being ground.)

Use hearing protection.
(Type depends on specific application and material being ground.)

Respiratory protection

Wear respiratory protection.
(Type depends on specific application and material being ground.)

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Solid
Colour:	Various
Odour:	No information available.

Changes in the physical state

Melting point/freezing point:	Not applicable.
Boiling point or initial boiling point and boiling range:	Not applicable.
Flash point:	Not applicable.

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Flammability

Solid/liquid: No information available.

Explosive properties

Not applicable.

Lower explosion limits: Not applicable.

Auto-ignition temperature: No information available.

Self-ignition temperature

Solid: No information available.

Decomposition temperature: No information available.

pH-Value: Not applicable.

Viscosity / dynamic: Not applicable.

Viscosity / kinematic: Not applicable.

Water solubility: Insoluble.

Solubility in other solvents

No information available.

Partition coefficient n-octanol/water: Not applicable.

Vapour pressure: Not applicable.

Density: Not applicable.

Bulk density: Not applicable.

Relative vapour density: Not applicable.

9.2. Other information

Information with regard to physical hazard classes

Oxidizing properties
No information available.

Other safety characteristics

Evaporation rate: Not applicable.

Further Information

No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions.

10.2. Chemical stability

No decomposition if stored and applied as directed.

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

Stable under normal conditions.

10.5. Incompatible materials

No hazardous reactions known.

10.6. Hazardous decomposition products

At high temperatures may produce hazardous decomposition products. (T > 250 °C)

SECTION 11: Toxicological information

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11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**Toxicokinetics, metabolism and distribution**

No toxicological data available.

Acute toxicity

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

ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

Irritation and corrosivity

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

Sensitising 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.

STOT-single exposure

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

STOT-repeated exposure

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

Aspiration hazard

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

SECTION 12: Ecological information**12.1. Toxicity**

No information available.

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessmentThe substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.
Not relevant.**12.6. Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no component meets the criteria.

12.7. Other adverse effects

No information available.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal recommendations**

Disposal in accordance with local regulations.

Contaminated packaging

Disposal in accordance with local regulations.

SECTION 14: Transport information

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Land transport (ADR/RID)

<u>14.1. UN number or ID number:</u>	No dangerous good in sense of this transport regulation.
<u>14.2. UN proper shipping name:</u>	No dangerous good in sense of this transport regulation.
<u>14.3. Transport hazard class(es):</u>	No dangerous good in sense of this transport regulation.
<u>14.4. Packing group:</u>	No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

<u>14.1. UN number or ID number:</u>	No dangerous good in sense of this transport regulation.
<u>14.2. UN proper shipping name:</u>	No dangerous good in sense of this transport regulation.
<u>14.3. Transport hazard class(es):</u>	No dangerous good in sense of this transport regulation.
<u>14.4. Packing group:</u>	No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

<u>14.1. UN number or ID number:</u>	No dangerous good in sense of this transport regulation.
<u>14.2. UN proper shipping name:</u>	No dangerous good in sense of this transport regulation.
<u>14.3. Transport hazard class(es):</u>	No dangerous good in sense of this transport regulation.
<u>14.4. Packing group:</u>	No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

<u>14.1. UN number or ID number:</u>	No dangerous good in sense of this transport regulation.
<u>14.2. UN proper shipping name:</u>	No dangerous good in sense of this transport regulation.
<u>14.3. Transport hazard class(es):</u>	No dangerous good in sense of this transport regulation.
<u>14.4. Packing group:</u>	No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

14.7. Maritime transport in bulk according to IMO instruments

No dangerous good in sense of this transport regulation.

SECTION 15: Regulatory information

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

EU regulatory information

Additional information

As an article the product does not need to be labelled in accordance with EC-regulations or respective national laws.

National regulatory information

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Changes

Changes in chapter: -

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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 intérieure
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 Labelling 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 immobilisation concentration or median inhibitory concentration

Further Information

The information describes exclusively the safety requirements for the product (s) and is based on the present level of our knowledge.
The delivery specifications are contained in the corresponding product sheet.
This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)