

1 / 7
 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II
 Revision: 24.09.2008 Replaces the version of: 24.09.2008 PDF date: 24.09.2008
 MPA 5000 Speed Cut 1-Step Abrasive Compound
 No. 496 299

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

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

Identification of the substance or preparation

**MPA 5000 Speed Cut
 1-Step Abrasive Compound
 No. 496 299**

Use of the substance/preparation

Abrasive paste
 Polish

Company/undertaking identification

Festool GmbH, Wertstrasse 20, D-73240 Wendlingen
 Telephone (07024) 804-0, Fax (07024) 804-600

E-mail address of the competent person: info@chemical-check.de, k.schnurbusch@chemical-check.de

Emergency telephone

Advisory office in case of poisoning:

Tel.:

Telephone number of the company in case of emergencies:

Tel. (07024) 804-0
 Mo-Do: 7.00 - 17.00
 Fr: 7.00 - 16.30

2. HAZARDS IDENTIFICATION

To people

See point 11 and 15.
 Preparation is not classified as hazardous in the sense of directive 1999/45/EC.

To the environment

See point 12.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Water
 Oil
 Hydrocarbon mixture
 Emulsifiers
 Inorganic materials

Chemical name			
content %	Symbol	R-phrases	EINECS, ELINCS
	Registration number (ECHA)	DNEL	PNEC
Isoalkanes (C11 - C15)			
5 - < 20	Xn	65-66	292-460-6

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

4. FIRST AID MEASURES

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II
 Revision: 24.09.2008 Replaces the version of: 24.09.2008 PDF date: 24.09.2008
 MPA 5000 Speed Cut 1-Step Abrasive Compound
 No. 496 299

4.1 Inhalation

Typically no exposure pathway.
 Measures are to be taken in case of dust or smoke formation.
 Remove person from danger area.
 Supply person with fresh air and consult doctor according to symptoms.

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

Rinse the mouth thoroughly with water.
 Do not induce vomiting.
 Call doctor immediately - have Data Sheet available.

4.5 Special resources necessary for first aid

Indications for the physician:
 Ingestion:
 Danger of aspiration.
 Symptomatic treatment

5. FIRE-FIGHTING MEASURES

5.1 Suitable extinguishing media

Adapt to the nature and extent of fire.
 Water jet spray / foam / CO2 / dry extinguisher
 Sand

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:
 Oxides of carbon
 Oxides of sulphur
 Oxides of nitrogen
 Toxic pyrolysis products.
 Fume

5.4 Special protective equipment for fire-fighters

According to size of fire
 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 contact with eyes or skin.
 If applicable, caution - risk of slipping.

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.

6.3 Methods for cleaning up

Collect using absorbant material (e.g. Universal binding medium, sand, kieselguhr) and dispose of according to point 13.
 Or:

GB

3 / 7

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II
 Revision: 24.09.2008 Replaces the version of: 24.09.2008 PDF date: 24.09.2008
 MPA 5000 Speed Cut 1-Step Abrasive Compound
 No. 496 299

Collect mechanically 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.

Avoid build up of dust.

Do not inhale dust/fume/mist.

Keep away from sources of ignition - Do not smoke.

General hygiene measures for the handling of chemicals are applicable.

Eating, drinking, smoking, as well as food-storage, is prohibited in work-room.

Wash hands before breaks and at end of work.

Observe directions on label and instructions for use.

On dust formation:

If applicable, suction measures at the workstation or on the processing machine necessary.

7.2. Storage

Requirements for storage rooms and containers:

Not to be stored in gangways or stair wells.

Store product closed and only in original packing.

Do not store with oxidizing agents.

Classification of inflammability:

B

Suitable container:

PE

Steel

Special storage conditions:

See point 10

Protect from frost.

Protect from direct sunlight and warming.

Only store at temperatures from 15°C to 25°C

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Exposure limit values

Chemical Name	Isoalkanes (C11 - C15)	Content %:5 - < 20
WEL-TWA: 1200 mg/m3 (normal and branched chain >= C7) (WEL), 600 mg/m3 (AGW)	WEL-STEL: 2(II) (AGW)	---
BMGV: ---	Other information: ---	
Chemical Name	general dust limit	Content %:
WEL-TWA: 10 mg/m3 (inhal. dust), 4 mg/m3 (respir. dust)	WEL-STEL: ---	---
BMGV: ---	Other information: ---	
Chemical Name	Aluminium oxide	Content %:
WEL-TWA: 10 mg/m3 (total inhal. dust), 4 mg/m3 (resp. dust) (aluminium oxides)	WEL-STEL: ---	---
BMGV: ---	Other information: ---	
Chemical Name	Glycerine	Content %:
WEL-TWA: 10 mg/m3 (mist)	WEL-STEL: ---	---
BMGV: ---	Other information: ---	

WEL-TWA = Workplace Exposure Limit - Long-term exposure limit (8-hour TWA (= time weighted average) reference period) EH40. AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany). | WEL-STEL = Workplace Exposure Limit - Short-term exposure limit (15-minute reference period). | BMGV = Biological monitoring guidance value EH40. BGW = "Biologischer Grenzwert" (biological limit value, Germany) | Other information: Sen = Capable of causing occupational asthma. Sk = Can be absorbed 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 of 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 the handling of chemicals are applicable.

Wash hands before breaks and at end of work.

Keep away from food, drink and animal feedingstuffs.

Respiratory protection:

Normally not necessary.

If OES or MEL is exceeded.

Filter A P 3 (EN 14387)

Hand protection:

Recommended

Protective nitrile gloves (EN 374)

Protective Neopren gloves (EN 374).

Protective Viton gloves (EN 374)

Permeation time (penetration time) in minutes:

> 240 - > 480 (Level 5 -6)

Protective hand cream recommended.

Eye protection:

During processing:

Tight fitting protective goggles with side protection (EN 166).

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 manufacturer's indications.

Final selection of glove material must be made taking the breakthrough times, permeation rates and 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:

Paste

Colour:

According to specification

Odour:

Characteristic

pH-value undiluted:

7 - 8,5

Boiling point/boiling range (°C):

~ 100

Melting point/melting range (°C):

n.av.

Flash point (°C):

> 100

Density (g/ml):

1,05 / 20°C

Water solubility:

Dispersion

Viscosity:

10000 - 15000 mPa.s / 20°C

10. STABILITY AND REACTIVITY

Conditions to avoid

See point 7

Stable when handled and stored correctly.

Emulsions separated by thermal action or excess storage can still be used without any loss of quality if they are mixed thoroughly again.

Materials to avoid

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II
 Revision: 24.09.2008 Replaces the version of: 24.09.2008 PDF date: 24.09.2008
 MPA 5000 Speed Cut 1-Step Abrasive Compound
 No. 496 299

See point 7

Avoid contact with strong oxidizing agents.
 Avoid contact with strong acids.

Hazardous decomposition products

None

11. TOXICOLOGICAL INFORMATION

Acute toxicity and immediate effects

Ingestion, LD50 rat oral (mg/kg):	n.d.a.
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.

The following may occur:

- Watering eyes
- Irritation of the eyes
- Product is mechanically abrasive.
- Irritation of the skin.
- Irritant effect to damaged skin.
- Ingestion of large quantities:
- Nausea
- Diarrhoea

12. ECOLOGICAL INFORMATION

Water hazard class (Germany):	1
Self classification:	Yes (VwVwS)
Persistence and degradability:	
Not totally biodegradable.	
Behaviour in sewage plants:	Mechanical precipitation possible.
AOX:	
According to the recipe, contains no AOX.	
Aquatic toxicity:	n.av.
Ecological toxicity:	n.av.

13. DISPOSAL CONSIDERATIONS

13.1. for the material / preparation / residue

EC disposal code no.:

The waste codes are recommendations based on the scheduled use of this product.
 Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances. (2001/118/EC, 2001/119/EC, 2001/573/EC)
 12 01 20 spent grinding bodies and grinding materials containing dangerous substances
 13 02 05 mineral-based non-chlorinated engine, gear and lubricating oils

Recommendation:

Pay attention to local and national official regulations
 E.g. suitable incineration plant.
 E.g. dispose at suitable refuse site.

13.2 for contaminated packing material

See point 13.1

Pay attention to local and national official regulations

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II
 Revision: 24.09.2008 Replaces the version of: 24.09.2008 PDF date: 24.09.2008
 MPA 5000 Speed Cut 1-Step Abrasive Compound
 No. 496 299

15 01 01 paper and cardboard packaging
 15 01 02 plastic packaging
 15 01 04 metallic packaging
 Empty container completely.
 Untamated packaging can be recycled.
 Dispose of packaging that cannot be cleaned in the same manner as the substance.

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:

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)

Symbols: Not applicable

Indications of danger: --

R-phrases: --

--

S-phrases: --

--

Additions:

Safety data sheet available for professional user on request.

Observe restrictions:

VOC 1999/13/EC 13,5% w/w

VOC CH 13,5% w/w

16. OTHER INFORMATION

These details refer to the product as it is delivered.

Storage class VCI (Germany): 3 B

Revised points: n.a.

TA air

Kl. III

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

65 Harmful: may cause lung damage if swallowed.

65 Also harmful: may cause lung damage if swallowed.

66 Repeated exposure may cause skin dryness or cracking.

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 weighted 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 = Volatile organic compounds / AOX = Adsorbable organic halogen compounds

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II
Revision: 24.09.2008 Replaces the version of: 24.09.2008 PDF date: 24.09.2008
MPA 5000 Speed Cut 1-Step Abrasive Compound
No. 496 299

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

The statements 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.

These statements were made by:

Chemical Check GmbH, Wöbbeler Straße 2-4, D-32839 Steinheim, Tel.: +49 5233 94 17 0, +49 1805-CHEMICAL / +49 180 52 43 642, Fax: +49 5233 94 17 90, +49 180 50 50 455

© by Chemical Check GmbH Gefahrstoffberatung. The copying or changing of this document is forbidden except with consent of the Chemical Check GmbH Gefahrstoffberatung.