

**Safety Data Sheet**  
according to Regulation (EC) No. 1907/2006 (REACH)  
according to Regulation (EU) 2015/830



Article No.: 521000  
Print date: 04.08.2021  
Version: 1.25

Basic Polish  
Revision date: 04.08.2021  
Issue date: 10.06.2021

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

**1.1. Product identifier**

Article No. (manufacturer/supplier) 521000  
Trade name/designation Basic Polish

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

**Relevant identified uses**

Product for surface repair and surface polish.

**1.3. Details of the supplier of the safety data sheet**

**Manufacturer/supplier**

Heinrich König GmbH & Co.KG  
An der Rosenhelle 5  
D-61138 Niederdorfelden

Telephone: +49 6101 5360 0  
Telefax: +49 6101 5360 11  
E-mail: Info@heinrich-koenig.de  
Website: www.heinrich-koenig.de

**Department responsible for information:**

Laboratory Telephone: +49 6101 5360 71  
Only available during office hours: Mon - Thurs 08:00 to 16:00  
Friday 08:00 - 12:30

E-mail (competent person) SDB@heinrich-koenig.de

**1.4. Emergency telephone number**

Emergency telephone number  
Emergency CONTACT (24-Hour-Number): GBK  
GmbH +49 (0)6132-84463

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification according to Regulation (EC) No 1272/2008 [CLP]**

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

**2.2. Label elements**

**Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

**Hazard pictograms**

**Hazard statements**

No further relevant information available.

**Precautionary statements**

No further relevant information available.

**Hazard components for labelling**

No further relevant information available.

**Supplemental hazard information**

EUH210 Safety data sheet available on request.

**2.3. Other hazards**

No information available.

**SECTION 3: Composition / information on ingredients**

**3.2. Mixtures**

**Description** Maintenance product

**Classification according to Regulation (EC) No 1272/2008 [CLP]**

EC No.	REACH No.	weight-%
CAS No.	Designation	
Index No.	classification: // Remark	
920-901-0	01-2119456810-40-xxxx Hydrocarbons, C11-C13, isoalkanes, <2% aromatics Asp. Tox. 1 H304	10 < 20

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232-455-8 01-2119487078-27-xxxx  
8042-47-5 White mineral oil (petroleum)  
Asp. Tox. 1 H304

10 < 20

**Additional information**

Full text of classification: see section 16

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

**General information**

In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness give nothing by mouth, place in recovery position and seek medical advice.

**In case of inhalation**

Remove casualty to fresh air and keep warm and at rest. In case of irregular breathing or respiratory arrest provide artificial respiration.

**Following skin contact**

Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of water and soap. Do not use solvents or thinners.

**After eye contact**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice immediately.

**Following ingestion**

If swallowed, rinse mouth with water (only if the person is conscious). Seek medical advice immediately. Keep victim calm. Do NOT induce vomiting.

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

In all cases of doubt, or when symptoms persist, seek medical advice.

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

First Aid, decontamination, treatment of symptoms.

**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

**Suitable extinguishing media**

alcohol resistant foam, carbon dioxide, Powder, spray mist, (water)

**Unsuitable extinguishing media**

strong water jet

**5.2. Special hazards arising from the substance or mixture**

Dense black smoke occurs during fire. Inhaling hazardous decomposing products can cause serious health damage.

**5.3. Advice for firefighters**

Provide a conveniently located respiratory protective device. Cool closed containers that are near the source of the fire. Do not allow water used to extinguish fire to enter drains, ground or waterways.

**SECTION 6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

Ventilate affected area. Do not breathe vapours.

**6.2. Environmental precautions**

Do not allow to enter into surface water or drains. If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations.

**6.3. Methods and material for containment and cleaning up**

Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculit, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see section 13). Clean using cleansing agents. Do not use solvents.

**6.4. Reference to other sections**

Observe protective provisions (see section 7 and 8).

**SECTION 7: Handling and storage**

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**7.1. Precautions for safe handling**

**Advices on safe handling**

Avoid contact with skin, eyes and clothes. Avoid respiration of swarf. When using do not eat, drink or smoke. Personal protection equipment: refer to section 8. Do not empty containers with pressure - no pressure vessel! Always keep in containers that correspond to the material of the original container. Follow the legal protection and safety regulations.

**7.2. Conditions for safe storage, including any incompatibilities**

**Requirements for storage rooms and vessels**

Storage in accordance with the Ordinance on Industrial Safety and Health (BetrSIVO). Keep container tightly closed. Do not empty containers with pressure - no pressure vessel! Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks. Soils have to conform to the "Guidelines for avoidance of ignition hazards due to electrostatic charges (TRGS 727)".

**Hints on joint storage**

Keep away from strongly acidic and alkaline materials as well as oxidizers.

**Further information on storage conditions**

Take care of instructions on label. Store in a well-ventilated and dry room at temperatures between 15 °C and 30 °C. Protect from heat and direct sunlight. Keep container tightly closed. Remove all sources of ignition. Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks.

**7.3. Specific end use(s)**

Observe technical data sheet. Observe instructions for use.

**SECTION 8: Exposure controls/personal protection**

**8.1. Control parameters**

**Occupational exposure limit values:**

No further relevant information available.

**DNEL:**

White mineral oil (petroleum)

EC No. 232-455-8 / CAS No. 8042-47-5

DNEL long-term dermal (systemic), Workers: 220 mg/kg

DNEL long-term inhalative (systemic), Workers: 160 mg/m<sup>3</sup>

DNEL long-term oral (repeated), Consumer: 40 mg/kg

DNEL long-term dermal (systemic), Consumer: 92 mg/kg

DNEL long-term inhalative (systemic), Consumer: 35 mg/m<sup>3</sup>

**8.2. Exposure controls**

Provide good ventilation. This can be achieved with local or room suction. If this should not be sufficient to keep aerosol and solvent vapour concentration below the exposure limit values, a suitable respiratory protection must be used.

**Personal protection equipment**

**Respiratory protection**

If concentration of solvents is beyond the occupational exposure limit values, approved and suitable respiratory protection must be used. Use only respiratory protection equipment with CE-symbol including four digit test number.

**Hand protection**

For prolonged or repeated handling the following glove material must be used: NBR (Nitrile rubber)

Thickness of the glove material > 0,4 mm ; Breakthrough time: > 480 min.

Observe the instructions and details for use, storage, maintenance and replacement provided by the protective glove manufacturer. Penetration time of glove material depending on intensity and duration of exposure to skin. Recommended glove articles EN ISO 374

Barrier creams can help protecting exposed skin areas. In no case should they be used after contact.

**Eye/face protection**

Wear closely fitting protective glasses in case of splashes.

**Body protection**

Wear antistatic clothing of natural fibers (cotton) or heat resistant synthetic fibers.

**Protective measures**

After contact clean skin thoroughly with water and soap or use appropriate cleanser.

**Environmental exposure controls**

Do not allow to enter into surface water or drains. See section 7. No additional measures necessary.

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**SECTION 9: Physical and chemical properties**

9.1. Information on basic physical and chemical properties \*

**Appearance:**

**Physical state:** Liquid  
**Colour:** refer to label

**Odour:** characteristic

**Odour threshold:** not determined

**pH at 20 °C:** N.A.

**Melting point/freezing point:** n.a.

**Initial boiling point and boiling range:** 100 °C  
Method: calculated.  
Source: water

**Flash point:** > 65 °C  
Method: calculated.

**Evaporation rate:** not determined

**flammability**

**Burning time:** not determined

**Upper/lower flammability or explosive limits:**

**Lower explosion limit:** 0,6 Vol-%  
Method: calculated.

**Upper explosion limit:** 7 Vol-%  
Method: calculated.  
Source: Hydrocarbons, C11-C13, isoalkanes, <2% aromatics

**Vapour pressure at 20 °C:** 0,044 mbar  
Method: calculated.

**Vapour density:** not determined

**Relative density:**

**Density at 20 °C:** 1,10 g/cm<sup>3</sup>  
Method: calculated.

**Solubility(ies):**

**Water solubility at 20 °C:** partially soluble

**Partition coefficient: n-octanol/water:** see section 12

**Auto-ignition temperature:** not determined

**Decomposition temperature:** not determined

**Viscosity at 40 °C:** > 20,5 mm<sup>2</sup>/s

**Explosive properties:** not determined

**Oxidising properties:** not determined

9.2. Other information \*

**Solid content:** 49,00 weight-%

**solvent content:**

**Organic solvents:** 11 weight-%

**Water:** 40 weight-%

**SECTION 10: Stability and reactivity**

10.1. Reactivity

No information available.

10.2. Chemical stability

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to section 7.

10.3. Possibility of hazardous reactions

Keep away from strong acids, strong bases and strong oxidizing agents to avoid exothermic reactions.

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**10.4. Conditions to avoid**

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to section 7. Hazardous decomposition byproducts may form with exposure to high temperatures.

**10.5. Incompatible materials**

not applicable

**10.6. Hazardous decomposition products**

Hazardous decomposition byproducts may form with exposure to high temperatures, e.g.: carbon dioxide, carbon monoxide, smoke, nitrogen oxides.

**SECTION 11: Toxicological information**

Classification according to Regulation (EC) No 1272/2008 [CLP]

**11.1. Information on toxicological effects**

**Acute toxicity**

White mineral oil (petroleum)

oral, LD50, Rat: > 5000 mg/kg

Method: OECD 401

dermal, LD50, Rabbit: > 5000 mg/kg

Method: OECD 402

inhalative (vapours), LC50, Rat: > 5000 mg/L (4 h)

Method: OECD 403

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

Hydrocarbons, C11-C13, isoalkanes, <2% aromatics

oral, LD50, Rat: > 5000 mg/kg

Method: OECD 401

dermal, LD50, Rabbit: > 5000 mg/kg

Method: OECD 402

inhalative (vapours), LC50, Rat: > 5000 mg/L (4 h)

Method: OECD 403

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

**Skin corrosion/irritation; Serious eye damage/eye irritation**

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

**Respiratory or skin sensitisation**

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

**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

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

**STOT-single exposure; STOT-repeated exposure**

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

**Aspiration hazard**

White mineral oil (petroleum)

Aspiration hazard

May be fatal if swallowed and enters airways.

Hydrocarbons, C11-C13, isoalkanes, <2% aromatics

Aspiration hazard

May be fatal if swallowed and enters airways.

**Practical experience/human evidence**

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and/or absorption through skin. Splashing may cause eye irritation and reversible damage.

**Overall Assessment on CMR properties**

The ingredients in this mixture do not meet the criteria for classification as CMR category 1A or 1B according to CLP.

**SECTION 12: Ecological information**

Classification according to Regulation (EC) No 1272/2008 [CLP]

Do not allow to enter into surface water or drains.

**12.1. Toxicity**

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Hydrocarbons, C11-C13, isoalkanes, <2% aromatics  
Fish toxicity, LC50, Oncorhynchus mykiss (Rainbow trout): 1000 mg/L (96 h)  
Daphnia toxicity, EC50, Daphnia magna (Big water flea): 1000 mg/L (48 h)  
Algae toxicity, ErC50, Pseudokirchneriella subcapitata: 1000 mg/L (72 h)  
Based on available data, the classification criteria are not met.

**Long-term Ecotoxicity**

Toxicological data are not available.

**12.2. Persistence and degradability**

White mineral oil (petroleum)  
Biodegradation: < 60 % (28 D)  
Readily biodegradable (according to OECD criteria).

Hydrocarbons, C11-C13, isoalkanes, <2% aromatics  
Biodegradation: 31,3 % (28 D)  
Readily biodegradable (according to OECD criteria).

**12.3. Bioaccumulative potential**

White mineral oil (petroleum)  
Partition coefficient: n-octanol/water: > 3,5

**Bioconcentration factor (BCF)**

Toxicological data are not available.

**12.4. Mobility in soil**

Toxicological data are not available.

**12.5. Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

**12.6. Other adverse effects**

No information available.

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

**Appropriate disposal / Product Recommendation**

Do not allow to enter into surface water or drains. This material and its container must be disposed of in a safe way. Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.

**List of proposed waste codes/waste designations in accordance with EWC**

080112 waste paint and varnish other than those mentioned in 08 01 11

**Appropriate disposal / Package Recommendation**

Non-contaminated packages may be recycled. Vessels not properly emptied are special waste.

**SECTION 14: Transport information**

**This mixture is not classified as dangerous according to international transport regulations (ADR/RID, IMDG, ICAO/IATA).**

**No dangerous good in sense of this transport regulation.**

**14.1. UN number**

No further relevant information available.

**14.2. UN proper shipping name**

**14.3. Transport hazard class(es)**

No further relevant information available.

**14.4. Packing group**

No further relevant information available.

**14.5. Environmental hazards**

Land transport (ADR/RID)

No further relevant information available.

Marine pollutant

No further relevant information available.

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**14.6. Special precautions for user**

Transport always in closed, upright and safe containers. Make sure that persons transporting the product know what to do in case of an accident or leakage.

Advices on safe handling: see parts 6 - 8

**Further information**

**Land transport (ADR/RID)**

tunnel restriction code -

**Sea transport (IMDG)**

EmS-No. No further relevant information available.

**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**

**EU legislation**

**Directive 2010/75/EU on industrial emissions [Industrial Emissions Directive]**

VOC-value (in g/L): 121

**National regulations**

**Restrictions of occupation**

Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers. Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

**Other regulations, restrictions and prohibition regulations**

**REACH candidate list of substances of very high concern (SVHC) for the approval process.**

According to the available data and / or according to the information provided by the suppliers, the product does not contain any substance that is eligible for inclusion in Annex XIV (list of substances subject to authorization) in accordance with Article 57 in conjunction with Article 59 of REACH.

**Regulation (EC) 1907/2006. material in question applies. Regulation (EC) 1907/2006 (REACH) Annex XIV (list of substances subject to authorization)**

According to the available data and / or according to the information provided by the suppliers, the product does not contain any substance that is considered to be a substance that requires authorization according to REACH Regulation (EC) 1907/2006 Annex XIV.

**15.2. Chemical Safety Assessment**

**For the following substances of this mixture a chemical safety assessment has been carried out:**

EC No. CAS No.	Designation	REACH No.
920-901-0	Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	01-2119456810-40-xxxx
232-455-8	White mineral oil (petroleum)	01-2119487078-27-xxxx
8042-47-5		

**SECTION 16: Other information**

**Full text of classification in section 3:**

Asp. Tox. 1 / H304

Aspiration hazard

May be fatal if swallowed and enters airways.

**Abbreviations and acronyms**

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
OEL	Occupational Exposure Limit Value
BLV	Biological Limit Value
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging
CMR	Carcinogenic, Mutagenic and Reprotoxic
DIN	German Institute for Standardization / German industrial standard
DNEL	Derived No-Effect Level
EAKV	European Waste Catalogue Directive
EC	Effective Concentration
EC	European Community
EN	European Standard

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IATA-DGR	International Air Transport Association – Dangerous Goods Regulations
IBC Code	International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
ICAO-TI	International Civil Aviation Organization Technical Instructions for the Safe Transport of Dangerous Goods by Air
IMDG Code	International Maritime Code for Dangerous Goods
ISO	International Organization for Standardization
LC	Lethal Concentration
LD	Lethal Dose
MARPOL	Maritime Pollution: The International Convention for the Prevention of Pollution from Ships
OECD	Organisation for Economic Cooperation and Development
PBT	persistent, bioaccumulative, toxic
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
UN	United Nations
VOC	Volatile Organic Compounds
vPvB	very persistent and very bioaccumulative

**Further information**

Classification according to Regulation (EC) No 1272/2008 [CLP]

The information supplied on this safety data sheet complies with our current level of knowledge as well as with national and EU regulations. Without written approval, the product must not be used for purposes different from those mentioned in section 1. It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules and regulations. The details in this safety data sheet describe the safety requirements of our product and are not to be regarded as guaranteed attributes of the product.

You can also find current SDSs for our standard products online on our homepage under **Downloads** in the relevant product area.

\* Data changed compared with the previous version