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

1.1. Product identifier

Blocking out wax

--

CAS No.: --
EG No.: --
INDEX No.: --
REACH No.: --

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

Relevant identified uses: Blockin out wax.
Uses advised against: Other

1.3. Details of the supplier of the safety data sheet

Manufacturer
ERKODENT Erich Kopp GmbH
Siemensstrasse 3
--
D 72285 Pfalzgrafenweiler

Telephone: 07445 8501 0
Telefax: 07445 2092

Supplier (manufacturer/importer/only representative/downstream user/distributor)
ERKODENT Erich Kopp GmbH
Siemensstrasse 3
--
D 72285 Pfalzgrafenweiler

Telephone: 07445 8501 0
Telefax: 07445 2092

Information contact
ERKODENT Erich Kopp GmbH

Information telephone: 07445 8501 21
Information telefax: --
E-mail (competent person): w.heuchert@erkodent.com
Website: www.erkodent.com

1.4. Emergency telephone number

ERKODENT Erich Kopp GmbH
Only available during office hours.

Telephone: 07445 8501 0

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008: - No dangerous material! (!)

2.2. Label elements

Classification according to Regulation (EC) No. 1272/2008 [CLP]
Hazard pictograms: -
-
Signal word: -
Hazard statements: -

Precautionary statements: -

Hazardous component(s) for labelling
none

Special labelling of particular preparations:
none

2.3. Other hazards
The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP]. The product does not have to be labelled according to guideline 67/548/EEC. Caution! Hot molten mass.

SECTION 3: Composition / information on ingredients

3.1. Substances
Mixtures

3.2. Mixtures
wax

Composition/information on ingredients

Substance:	EC-no.:	CAS-No.:	INDEX no.:	REACH-no.:	Concentration:	Classification: EC 1272/2008 (CLP):
microcrystalline hard wax		63231-60-7			95 - 100 %	-

(Full text of H- and EUH-phrases: see section 16.)

SECTION 4: First aid measures

4.1. Description of first aid measures
General information: Remove contaminated clothing immediatley and dispose off safely.
Following inhalation: Remove casualty to fresh air and keep warm and at rest. In case of respiratory tract irritation, consult a physician.
Following skin contact: After contact with molten product, cool skin area rapidly with cold water. Do not peel solidified product off the skin.
After eye contact: In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. In case of troubles or persistent symptoms, consult an ophthalmologist.
After ingestion: Rinse mouth thoroughly with water.

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
After contact with molten product, cool skin area rapidly with cold water.

SECTION 5: Firefighting measures

5.1. Extinguishing media
Suitable extinguishing media: Sand. Foam. dry extinguishing powder. Carbon dioxide (CO2).
Unsuitable extinguishing media: High power water jet.

5.2. Special hazards arising from the substance or mixture

In case of fire may be liberated: When hot, product develops flammable vapours. Carbon monoxide. Carbon dioxide (CO2). Nitrogen oxides (NOx). carbon black

5.3. Advice for firefighters

General information

Use water spray jet to protect personnel and to cool endangered containers.

Special protective equipment for firefighters:

In case of fire: Wear self-contained breathing apparatus. Protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Wear personal protection equipment. Remove all sources of ignition. Avoid contact with skin, eyes and clothes. Wear breathing apparatus if exposed to vapours/dusts/aerosols.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

6.3. Methods and material for containment and cleaning up

Allow stiffening. Take up mechanically.

6.4. Reference to other sections

Treat the recovered material as prescribed in the section on waste disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advices on safe handling

Avoid generation of dust. The following decomposition products result from melting: Equipment with built-in suction provisions. Provide adequate ventilation.

Precautions against fire and explosion

Take precautionary measures against static discharges. Vapours can travel considerable distances to a source of ignition where they can ignite, flash back, or explode.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep in a cool, well-ventilated place. Put lids on containers immediately after use.

Hints on joint storage

Conditions to avoid: UV-radiation/sunlight.

Storage class: 11

7.3. Specific end use(s)

Observe instructions for use.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit value

Substance:	CAS-No.:		Source :	Occupational exposure limit value:[ppm]	Occupational exposure limit value:[mg/m³]	Limitation of exposure peaks:	Remark:

Substance with a common (EC) occupational exposure limit value

Substance:	CAS-No.:		Source :	Occupational exposure limit value:[ppm]	Occupational exposure limit value:[mg/m³]	Limitation of exposure peaks:	Remark:

DNEL-/PNEC-values
DNEL value

Substance:	CAS-No.:	DNEL/DMEL

PNEC Value

Substance:	CAS-No.:	PNEC

Remark:
none

8.2. Exposure controls

Occupational exposure controls
none

General protection and hygiene measures
When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work. Apply skin care products after work. Wash contaminated clothing prior to re-use.

Personal protection equipment
Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500.

Respiratory protection
With correct and proper use, and under normal conditions, breathing protection is not required. Wear breathing apparatus if exposed to vapours/dusts/aerosols.

Hand protection
Respiratory protection necessary at: Protect skin by using skin protective cream.

Eye/face protection
Splasher: Tightly sealed safety glasses.

Body protection
For the protection against direct skin contact, body protective clothing is essential (in addition to the usual working clothes).

Environmental exposure controls
refer to chapter 7. No further action is necessary.

Consumer exposure controls
refer to chapter 7. No further action is necessary.

Exposure Scenario
none

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance:

Physical state:	solid
Colour:	various
Odour:	characteristically
Odour threshold:	not determined

Safety relevant basis data

	Parameter	Value	Unit	Remark
pH:				not applicable
Melting point/freezing point:		70-110	°C	drop point / drop range:
Initial boiling point and boiling range:				not determined
Flash point:		> 200	°C	
Evaporation rate:				not applicable
Flammability (solid, gas):				not determined
Explosive properties:				not explosive. Vapours can form explosive mixtures with air.
Lower flammability or explosive limits:				not determined
Upper flammability or explosive limits:				not determined
Vapour pressure:				not applicable
Vapour density:				not applicable
Relative density:				not determined
Density:	approx.	0,93	g/cm³	
Solubility(ies):	:			not determined
Water solubility:				practically insoluble
Fat solubility:				not determined
Partition coefficient: n-octanol/water:				not determined
Auto-ignition temperature:				not determined
Decomposition temperature:				not determined
Viscosity:	(at temperature in °C) 120	<30	mPa*s	
Oxidising properties:				oxidizing
Solvent content:				not determined

9.2. Other information

No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No risks worthy of mention. No data available

10.2. Chemical stability

Thermal decomposition

10.3. Possibility of hazardous reactions

No data available

10.4. Conditions to avoid

heat. UV-radiation/sunlight.

10.5. Incompatible materials
Oxidizing agents, strong.

10.6. Hazardous decomposition products
No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1. Information on toxicological effects
Data apply to the main component.

M-factor: -- **Acute toxicity (dermal):** --
Acute toxicity (oral): -- **Acute toxicity (inhalative):** --

Acute toxicity

Substance:	CAS-No.:	Toxicological information
microcrystalline hard wax	63231-60-7	LD50 oral (rat) > 2000 mg/kg

Skin corrosion/irritation
Toxicological data are not available.

Serious eye damage/irritation
Toxicological data are not available.

Respiratory or skin sensitisation
Toxicological data are not available.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)
Carcinogenicity
No indications of human carcinogenicity exist.
Germ cell mutagenicity
No indications of human germ cell mutagenicity exist.
Reproductive toxicity
Toxicological data are not available.

STOT-single exposure
No information available.

STOT-repeated exposure
No information available.

Aspiration hazard
Toxicological data are not available.

SECTION 12: Ecological information

12.1. Toxicity
There are no data available on the mixture itself.

Ecotoxicity

Substance:	CAS-No.:	Ecotoxicity

12.2. Persistence and degradability
There are no data available on the mixture itself.

12.3. Bioaccumulative potential
There are no data available on the mixture itself.

12.4. Mobility in soil
There are no data available on the mixture itself.

12.5. Results of PBT and vPvB assessment
The components in this formulation do not meet the criteria for classification as PBT or vPvB.

12.6. Other adverse effects
There are no data available on the mixture itself.

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Appropriate disposal/Product:
Can be incinerated together with household waste in compliance with applicable technical regulations following consultation with approved waste disposal management companies and authorities in charge.

Appropriate disposal / Package:
Dispose of waste according to applicable legislation.

List of proposed waste codes/waste designations in accordance with EWC
No information available.
Waste code product: --
Waste code packaging: --

SECTION 14: Transport information

14.1. UN number
UN No.: --

14.2. UN proper shipping name
ADR / RID
--
--

IMDG / ICAO-TI / IATA-DGR
--
--

14.3. Transport hazard class(es)
Hazard label(s):: -- **Classification Code:** --

14.4. Packing group
Packing Group: --

14.5. Environmental hazards
Labelling environmentally hazardous substances
ADR/RID / IMDG-Code / ICAO-TI / IATA-DGR: ☐ yes / ☒ no

Marine Pollutant: ☐ yes / ☒ no

14.6. Special precautions for user

Land transport (ADR/RID)

Transport category: -- **Tunnel restriction code:** --

Special provisions: -- **Limited quantity (LQ):** --

Sea transport (IMDG)

EmS-No: --

Special provisions: -- **Limited quantity (LQ):** --

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

Remark: No dangerous good in sense of these transport regulations.

SECTION 15: Regulatory information

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

EU legislation

Regulation (EC) No 166/2006 concerning the establishment of a European Pollutant Release and Transfer Register:
No information available.

Regulation (EC) No 1005/2009 on substance that deplete the ozone layer:
No information available.

Regulation (EC) No 648/2004 on detergents:
No information available.

Regulation (EC) No 850/2004 on persistent organic pollutants:
No information available.

Regulation (EU) No 649/2012 concerning the export and import of dangerous chemicals:
No information available.

Restrictions according to Title VIII of Regulation (EC) No 1907/2006:
No information available.

National regulations
Observe in addition any national regulations!

Restrictions of occupation
No information available.

Other regulations, restrictions and prohibition regulations
none

15.2. Chemical Safety Assessment

A chemical safety assessment has been carried out for this substance: --
Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Relevant H- and EUH-phrases (Number and full text)

Hazard statements
-

Training advice
none

Recommended restrictions of use
none

Further information
The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

Documentation of changes
none

Key literature references and sources for data
Data arise from reference works and literature.

Abbreviations and acronyms

AC: Artikelkategorie (Article Category)
ACGIH: Rat für Arbeitsschutz und Gefahrstoffe, Amerika (American Conference of Government Industrial Hygienists)
ADN: Europäisches Übereinkommen über die internationale Beförderung gefährlicher Güter auf Binnengewässern (Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)
ADR: Europäisches Übereinkommen über die internationale Beförderung gefährlicher Güter auf der Straße (Accord européen relatif transport des merchandises dangereuses par route)
AGW: Arbeitsplatzgrenzwert
AOX: Adsorbierbare organisch gebundene Halogene (Adsorbable Organic halogen compounds)
Bw: Körpergewicht (Body weight)
CMR: Stoffe klassifiziert als Krebserzeugend, Mutagen oder Reproduktionstoxisch (Carcinogenic, Mutagenic, toxic for Reproduction)
CSR: Stoffsicherheitsbericht (Chemical Safety Report)
DIN: Deutsches Institut für Normung / Deutsche Industrienorm
DNEL: Grenzwert, unterhalb dessen der Stoff keine Wirkung ausübt (Derived No Effect Level)
DPD: Zubereitungsrichtline / Richtline 1999-45-EC (Dangerous Preparations Directive)
DSD: Stoffrichtlinie / Richtlinie 67-548-EC (Dangerous Substances Directive)
DU: Nachgeschalteter Anwender (Downstream User)
EC50: Wirksame Konzentration 50% (Effective Concentration 50%)
EWC/EWL: Europäischer Abfallartenkatalog (European Waste Catalogue)
IATA: Verband für den internationalen Lufttransport (International Air Transport Association)
IBC: Großpackmittel (Intermediate Bulk Container)
ICAO: Internationale Zivilluftfahrt-Organisation (International Civil Aviation Organization)
IMDG Code: Gefahrgutvorschriften für den internationalen Seetransport (International Maritime Dangerous Goods Code)
IMO: Internationale Seeschifffahrts-Organisation (International Maritime Organization)
ISO: Internationale Normungsorganisation (International Standards Organisation)
LC50: Lethale (Tödliche) Konzentration 50%
LD50: Lethale (Tödliche) Dosis 50%
LEV: Lokale Absaugung (Local exhaust ventilation)
MAK: Maximale Arbeitsplatzkonzentration – DFG
OEL: Arbeitsplatzgrenzwert (Occupational Exposure Limit)
PBT: persistent, bioakkumlierbar, giftig (persistent, bioaccumulative, toxic)
PNEC: Abgeschätzte Nicht-Effekt-Konzentration (Predicted No Effect Concentration)
PPE/PSA: Persönliche Schutzausrüstung (Personal Protective Equipment)
REACH: Registrierung, Bewertung und Zulassung von Chemikalien (Registration, Evaluation and Authorization of Chemicals)
RID: Gefahrgutvorschriften für den Transport mit der Eisenbahn (Règlement International concernant le transport de marchandises dangereuses par chemin de fer)
STEL: Grenzwert für Kurzzeitexposition (Short-term Exposure Limit)
SVHC: Stoff sehr hoher Besorgnis (Substance of Very High Concern)
TLV: Arbeitsplatzgrenzwert (Threshold Limit Value)
VOC: Flüchtige organische Kohlenwasserstoffe (Volatile Organic Compounds)
vPvB: sehr persistent, sehr bioakkumulierbar (very persistent, very bioaccumulative)