

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier****Erkosit powder**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: Plastic articles
Uses advised against: Other**1.3. Details of the supplier of the safety data sheet****Manufacturer**ERKODENT Erich Kopp GmbH
Siemensstrasse 3

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D 72285 Pfalzgrafenweiler

Supplier (manufacturer/importer/only representative/downstream user/distributor)ERKODENT Erich Kopp GmbH
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1.4. Emergency telephone numberERKODENT Erich Kopp GmbH
Only available during office hours.

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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. Contains Dibenzoylperoxide May produce an allergic reaction.

SECTION 3: Composition / information on ingredients

3.1. Substances

Mixtures

3.2. Mixtures

Acrylic resin based on polymethacrylate

Composition/information on ingredients

Substance:	EC-no.:	CAS-No.:	INDEX no.:	REACH-no.:	Concentration:	Classification: EC 1272/2008 (CLP):
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(Full text of H- and EUH-phrases: see section 16.)

SECTION 4: First aid measures

4.1. Description of first aid measures

General information: No special measures are necessary.

Following inhalation: Provide fresh air. In case of troubles or persistent symptoms, consult an ophthalmologist. Rinse mouth thoroughly with water.

Following skin contact: After contact with skin, wash immediately with plenty of water and soap. Seek medical attention if problems persist. In case of skin irritation, consult a physician.

After eye contact: Rinse immediately carefully and thoroughly with eye-bath or water. In case of troubles or persistent symptoms, consult an ophthalmologist.

After ingestion: In case of troubles or persistent symptoms, consult an ophthalmologist. Rinse mouth immediately and drink plenty of water.

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

No information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Carbon dioxide (CO₂). Foam. Water spray. Extinguishing powder.

Unsuitable extinguishing media: High power water jet.

5.2. Special hazards arising from the substance or mixture

No information available.

5.3. Advice for firefighters

General information

none

Special protective equipment for firefighters:

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

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

Take up mechanically, placing in appropriate containers for disposal.

6.4. Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advices on safe handling

Avoid generation of dust.

Precautions against fire and explosion

Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges.

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

Keep away from food, drink and animal feedingstuffs.

Storage class: --

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/m ³]	Limitation of exposure peaks:	Remark:
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Substance with a common (EC) occupational exposure limit value

Substance:	CAS-No.:	Source :	Occupational exposure limit value:[ppm]	Occupational exposure limit value:[mg/m ³]	Limitation of exposure peaks:	Remark:
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DNEL-/PNEC-values

DNEL value

Substance:	CAS-No.:	DNEL/DMEL
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PNEC Value

Substance:	CAS-No.:	PNEC
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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. Take off immediately all contaminated clothing.

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. Technical ventilation of workplace.

Hand protection

Suitable gloves type: Butyl rubber. liquid-tight Solvent/Thinner.

Eye/face protection

Eye protection: not required.

Body protection

Body protection: not required.

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: Powder

Colour: various

Odour: characteristically
Odour threshold: not determined

Safety relevant basis data

Parameter	Value	Unit	Remark
pH:			not determined
Melting point/freezing point:			not determined
Initial boiling point and boiling range:			not determined
Flash point:			not determined
Evaporation rate:			not applicable
Flammability (solid, gas):	400	°C	
Explosive properties:			not explosive.
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:			not determined
Solubility(ies):	:		not determined
Water solubility:			practically insoluble
Fat solubility:			not determined
Partition coefficient: n-octanol/water:			not determined
Auto-ignition temperature:			none Risk of selfignition.
Decomposition temperature:			not determined
Viscosity:			not applicable
Oxidising properties:			not determined
Solvent content:	0,0	%	

9.2. Other information

Solid content (%) 100

SECTION 10: Stability and reactivity

10.1. Reactivity

Polymerization.

10.2. Chemical stability

none slow decomposition spontaneous decomposition

10.3. Possibility of hazardous reactions

none Possibility of hazardous reactions

10.4. Conditions to avoid

No information available.

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

Thermal decomposition can lead to the escape of irritating gases and vapours.

11.1. Information on toxicological effects

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

Substance:	CAS-No.:	Toxicological information
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Based on available data, the classification criteria are not met.

12.1. Toxicity

Substance:	CAS-No.:	Ecotoxicity
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12.5. Results of PBT and vPvB assessment

Page 6 of 10

12.6. Other adverse effects

No information available.

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

Send to a hazardous waste incinerator facility under observation of official regulations.

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

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--

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: --

Special provisions: --

Tunnel restriction code: --

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

No information available.

15.2. Chemical Safety Assessment

A chemical safety assessment has been carried out for this substance: --

For this substance a chemical safety assessment has not been 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

none

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 marchandises 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: Zubereitungsrichtlinie / Richtlinie 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%)
ECHA: Europäische Chemikalienagentur
EN: Europäische Norm
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 Seeschiffahrts-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
n.a.: nicht anwendbar
n.b.: nicht bestimmt
OEL: Arbeitsplatzgrenzwert (Occupational Exposure Limit)
PBT: persistent, bioakkumulierbar, 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 Kurzzeiteexposition (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)