

Safety Data Sheet

according to regulation (EU) No. 1907/2006

Printing date: 12/01/2016

picopoly Basis

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1. Identification of the substance/preparation and of the company/undertaking

1.1 Information on the product

Trade name: picopoly Basis

1.2 Relevant identified uses of the substance/preparation and uses that are inadvisable

No further relevant information available

Application of the substance / the preparation Dental use

1.3 Details about the supplier of the safety data sheet

Manufacturer/Supplier:

Company name: picodent GmbH
Street: Lüdenscheider Str. 24-26
City: D-51688 Wipperfürth
Telephone: +49 2267 6580-0
E-Mail: picodent@picodent.de
Internet: www.picodent.de
Department for information: picodent GmbH
Fax-No. +49 2267 6580-31
Telephone-No. +49 2267 6580-0

1.4 Emergency contact number:

(07.30 am - 4.45 pm)

Telephone-No. +49 2267 6580-0
Telephone-No. +49 171 6126850

2. Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

Hazard categories:

Hazardous to the aquatic environment:

Hazard Statements:

Aquatic Chronic 2
Toxic to aquatic life with long lasting effects.

2.2. Label elements

Regulation (EC) No. 1272/2008

Pictograms:



Hazard statements

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P273 Avoid release to the environment.
P391 Collect spillage.
P501 Dispose of contents/container in accordance with local regulation.

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3. Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Polyol formula with fillers

Hazardous components

CAS No	Chemical name	Quantity
	EC No	
	Index No	
	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
38640-62-9	bis(isopropyl)naphthalene Asp. Tox. 1, Aquatic Chronic 1; H304 H410	2,5 < 10 %
25214-63-5	ethylenediamine, propoxylated 01-2119471485-32 Eye Irrit. 2; H319	2,5 < 10 %
6846-50-0	1-Isopropyl-2, 2-dimethyltrimethylendiisobutyrat Aquatic Chronic 3; H412	2,5 < 10 %
25322-69-4	Polypropylenglykol Acute Tox. 4; H302	0,1 < 2,5 %

Full text of H and EUH statements: see section 16.

4. First aid measures

4.1. Description of first aid measures

General information

Medical treatment is necessary if symptoms occur which are obviously caused by skin or eye contact with the product or by inhalation of its vapours. Take off all contaminated clothing immediately.

After inhalation

Provide fresh air. Medical treatment necessary.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Immediately remove any contaminated clothing, shoes or stockings. Medical treatment necessary.

After contact with eyes

After eye contact: Rinse immediately carefully and thoroughly with eye-bath or water. Consult an ophthalmologist.

After ingestion

Medical treatment 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 symptomatically.

5. Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media

Foam. Extinguishing powder, Carbon dioxide, Atomized water.

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

In case of fire may be liberated: Carbon monoxide. Carbon dioxide
Hazardous decomposition products

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5.3. Advice for firefighters Additional information

In case of fire: Wear self-contained breathing apparatus.
Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately.
Do not allow entering drains or surface water.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

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

7. Handling and storage

7.1. Precautions for safe handling Advice on safe handling

Provide good room ventilation.

Advice on protection against fire and explosion

No special measures are necessary.

7.2. Conditions for safe storage, including any incompatibilities Requirements for storage rooms and vessels

Protect from the action of light. Keep only in the original container at a temperature between 4 -25 °C.

Advice on storage compatibility

Do not store together with:
Oxidising agent
food
Alkali (lye)

8. Exposure controls/personal protection

8.1. Control parameters 8.2. Exposure controls Protective and hygiene measures

Wash hands and face before breaks and after work and take a shower if necessary . When using do not eat or drink.

Eye/face protection Hand protection

tightly fitting goggles
nitrile rubber gloves (> 0,2 mm), Break through time ca. 480 min (EN 374). Gloves should be replaced regularly, especially after extended contact with the product. For each work-place a suitable glove type has to be selected.

Skin protection Respiratory protection

Wear suitable protective clothing.
none

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9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	whitish
Odour:	characteristic

Test method

pH-Value:	not determined	
Changes in the physical state		
Melting point:	not determined	
Initial boiling point and boiling range:	> 200 °C	DIN 53171
Flash point:	not applicable	
Flammability		
Solid:	not applicable	
Gas:	not applicable	
Lower explosion limits:	not determined	
Upper explosion limits:	not determined	
Auto-ignition temperature		
Solid:	not applicable	
Gas:	not applicable	
Decomposition temperature:	not determined	
Vapour pressure:	not determined	
Density (at 20 °C):	1,68 g/cm ³	
Water solubility:	partially soluble	
Partition coefficient:	not determined	
Viscosity / dynamic: (at 25 °C)	1400 mPa·s	ISO 9371
Vapour density:	not determined	
Evaporation rate:	not determined	

9.2. Other information

Solid content:	not determined
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10. Stability and reactivity

10.1. Reactivity	No hazardous reaction when handled and stored according to provisions.
10.2. Chemical stability	The product is stable under storage at normal ambient temperatures.
10.3. Possibility of hazardous reactions	No known hazardous reactions.
10.4. Conditions to avoid	Protect from the action of light. Keep only in the original container at a temperature between 4 -25 °C.
10.5. Incompatible materials	Oxidising agent
10.6. Hazardous decomposition products	In case of fire may be liberated: Carbon monoxide. Carbon dioxide Hazardous decomposition products Nitrogen oxides (NO _x)

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11. Toxicological information

11.1. Information on toxicological effects

Acute toxicity

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

CAS No	Chemical name	Exposure route	Dose	Species	Source
38640-62-9	bis(isopropyl)naphthalene	oral	LD50 > 4000 mg/kg	Rat	
		dermal	LD50 > 4000 mg/kg	Rat	
		inhalative (4 h) vapour	LC50 5,6 mg/l	Rat	OECD 403 (Aerosol)
25322-69-4	Polypropylenglykol	oral	ATE 500 mg/kg		

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.
Possible sensitization in case of persons suffering from hypersensitivity .

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.

Further information

Product has not been tested. The statement is derived from the properties of the components.

12. Ecological information

12.1. Toxicity

CAS No	Chemical name	Aquatic toxicity	Dose	[h] [d]	Species	Source
38640-62-9	bis(isopropyl)naphthalene	Crustacea toxicity	NOEC 0,013 mg/l	21 d	Daphnia magna (Big water flea)	OECD 202, part 2

12.2. Persistence and degradability

The product has not been tested.

12.3. Bioaccumulative potential

The product has not been tested.

12.4. Mobility in soil

The product has not been tested.
Harmful to fish.

12.5. Results of PBT and vPvB assessment

The product has not been tested.

12.6. Other adverse effects

No information available.

Further information

Do not allow uncontrolled discharge of product into the environment.
Do not allow to enter into surface water or drains.

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13. Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

Smaller quantities and/or residues: May be disposed of in household waste landfill.

Contaminated packaging

This material and its container must be disposed of as hazardous waste. Handle contaminated packages in the same way as the substance itself.

14. Transport information

Land transport (ADR/RID)

14.1. UN number:

UN 3082

14.2. UN proper shipping name:

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(Bis(isopropyl)naphthalin)

14.3. Transport hazard class(es):

9

14.4. Packing group:

III

Hazard label:

9

Classification code:

M6

Special Provisions:

274 335 375 601

Limited quantity:

5 L

Excepted quantity:

E1

Transport category:

3

Hazard No:

90

Tunnel restriction code:

E

Inland waterways transport (ADN)

14.1. UN number:

UN 3082

14.2. UN proper shipping name:

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(Bis(isopropyl)naphthalin)

14.3. Transport hazard class(es):

9

14.4. Packing group:

III

Hazard label:

9

Classification code:

M6

Special Provisions:

274 335 375 601

Limited quantity:

5 L

Excepted quantity:

E1

Marine transport (IMDG)

14.1. UN number:

UN 3082

14.2. UN proper shipping name:

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(Bis(isopropyl)naphthalin)

14.3. Transport hazard class(es):

9

14.4. Packing group:

III

Hazard label:

9

Special Provisions:

274, 335, 969

Limited quantity:

5 L

Excepted quantity:

E1

EmS:

F-A, S-F

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Air transport (ICAO-TI/IATA-DGR)

14.1. UN number:

UN 3082

14.2. UN proper shipping name:

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(Bis(isopropyl)naphthalin)

14.3. Transport hazard class(es):

9

14.4. Packing group:

III

Hazard label:

9

Special Provisions:

A97 A158 A197

Limited quantity Passenger:

30 kg G

Passenger LQ:

Y964

Excepted quantity:

E1

IATA-packing instructions - Passenger:

964

IATA-max. quantity - Passenger:

450 L

IATA-packing instructions - Cargo:

964

IATA-max. quantity - Cargo:

450 L

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: yes

Danger releasing substance:

(Bis(isopropyl)naphthalin)

14.6. Special precautions for user

Hazard identification number (Kemler No.):

90

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

not applicable

15. Regulatory information

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

EU regulatory information

2010/75/EU (VOC):

0,40 %

National regulatory information

Water contaminating class (D):

3 - highly water contaminating

Additional information

This mixture contains the following substances of very high concern (SVHC) which are included in the Candidate List according to Article 59 of REACH: : none

15.2. Chemical safety assessment

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

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16. Other information

Changes

Indication of changes

SECTION 3: Composition / information on ingredients

SECTION 9: Physical and chemical properties

SECTION 14: Transport information

SECTION 15: Regulatory information

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

Relevant H and EUH statements (number and full text)

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H319 Causes serious eye irritation.

H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

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.

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