

Safety Data Sheet

according to regulation (EU) No. 1907/2006

Rev. 2014-10

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

Information on the product

Trade name: picodent easyflow

Company/undertaking identification:

picodent GmbH
Lüdenscheider Str. 24-26
D-51688 Wipperfürth

www.picodent.de
Telephone-No. +49 2267 6580-0
Fax-No. +49 2267 6580-30

Responsible Department:

picodent GmbH
Lüdenscheider Str. 24-26
D-51688 Wipperfürth

www.picodent.de
Telephone-No. +49 2267 6580-0
Fax-No. +49 2267 6580-30

Emergency telephone:

picodent GmbH, Wipperfürth

Telephone-No. +49 2267 6580-0

2. Hazards identification

Special hazard warnings for people and the environment:

Not applicable

3. Composition/information on ingredients

Chemical characterisation:

Polydimethylsiloxane emulsion in water

4. First aid measures

General information:

Not applicable

After inhalation:

No particular measures required

After skin contact:

Rinse with plenty of soap and water

After eye contact:

Rinse immediately with plenty of water. If irritation persists, seek medical attention.

After swallowing:

Induce vomiting

5. Fire-fighting measures

General:

Product itself does not burn. Select fire-fighting measures according to the surrounding fire.

Suitable extinguishing agents:

Water spray, extinguishing powder, sand, foam, carbon dioxide.

Unsuitable extinguishing agents

for safety reasons:

Not applicable

Particular hazard due to the substance, its products of combustion or resultant gases:

Not applicable

Special protective equipment for fire-fighting:

Use breathing equipment that is independent of the surrounding air

Safety Data Sheet

according to regulation (EU) No. 1907/2006

Trade name: picodent easyflow

6. Accidental release measures

Personal precautionary measures:	None
Environmental protection measures:	Observe local official regulations
Procedures for cleaning:	Collect mechanically and dispose of as per the regulations. Collect and dispose of with a material that absorbs liquid, e.g. kieselguhr.

7. Handling and storage

General:	Shake well before use
Notes on safe handling:	None
Notes on fire and explosion protection:	No particular measures required
Storage:	Protect from frost
Notes on combined storage:	None
Additional information on the storage conditions:	Do not store below 0°

8. Exposure controls/personal protection

Additional notes on the design of technical systems:	None
--	------

Associated substances with workplace-related limit values to be monitored:

CAS No.	Substance	Type mg/m3 F/G
-.-	Not applicable	MAC

Personal protective equipment:	
General protective and hygiene measures:	No particular hygiene measures required
Respiratory protection:	Avoid direct inhalation (liquid)
Hand protection:	Not required
Eye protection:	Safety goggles recommended
Protective and hygiene measures:	Wash hands

9. Physical and chemical properties

Appearance:	Aqueous
Form:	Liquid
Colour:	Milky white
Odour:	Weak
Safety-relevant information:	Methodology (65/548/EEC)
Changes of state:	-.-
Melting point:	- 1° C
Boiling point:	100° C
Flashpoint:	Not applicable
Flammability:	-.-
Ignition temperature:	Not applicable
Auto flammability:	-.-
Risk of explosion:	Not applicable
Vapour pressure:	23 hPa at 20°C
Density:	Approx. 1 g/cm3 at hPA 20°C

Safety Data Sheet

according to regulation (EU) No. 1907/2006

Trade name: picodent easyflow

Solubility in water:	Unlimited miscibility
pH value:	6-7
Octanol-water partition coefficient:	-.-
Viscosity:	-.-
Thermal decomposition:	-.-

10. Stability and reactivity

General:	No hazardous reactions known with proper storage and handling.
Conditions to avoid:	None
Substances to avoid:	-.-
Hazardous products of decomposition:	None known when stored and handled according to the regulations
The following applies to the silicone content of the substance:	Measurements at temperatures above approx. 150°C have shown that oxidative breakdown causes a small quantity of formaldehyde to be separated.

11. Toxicological information

General:	According to current knowledge, physiologically incompatible, neither mutagenic, carcinogenic nor teratogenic.
Acute toxicity:	Classification-relevant LD/LC 50 values

Exposure	Value/value range	Species
Oral	>2000 mg/kg	Rat

Primary irritation:

Exposure	Value/value range	Species
Skin	Not irritant	Rabbit
Eye	Not irritant	Rabbit

12. Ecological information

Information on elimination persistence and degradability:	None known
Behaviour in environmental compartments:	No data known

Ecotoxic effects

Aquatic toxicity

Species	Test type	Exp.time	Result
Zebrafish (Brachydanio retio)	LCD = 180 mg /l		
Zebrafish (Brachydanio retio)	LC 50 = 250 mg/l		
Zebrafish (Brachydanio retio)	LC 100 = 350 mg/l		

Behaviour in wastewater treatment plants (bacteria toxicity, inhibition of respiration and reproduction):

According to current experience, no disadvantageous effects to be expected in wastewater treatment plants.

Other ecological information:

No data known

Safety Data Sheet

according to regulation (EU) No. 1907/2006

Trade name: picodent easyflow

13. Disposal considerations

Product

Other ecological information:

No data known Recommendation: Disposal by incinerating in a special waste incineration plant in accordance with the regulations. Smaller quantities can be disposed of in a household waste incineration plant. Local official regulations should be observed.

Waste key number:

57303

Uncleaned packaging Recommendation:

Packaging is to be emptied completely (free of droplets and powder residue, scraped clean). Preferably, packaging is to be recycled or re-used in accordance with the respective applicable local/national regulations.

14. Transport information

Land transport ADR/RID and GGVS/GGVE

GGVS/GGVE:

Not dangerous goods

Shipping symbols:

Express:

Approved

Post Germany:

Approved

Inland waterway transportation:

ADN/ADNR

Comments:

None

Transport by sea shipment IMDG/GGVSee:

IMDG/GGVSee class:

Not dangerous goods

EmS No.

MFAG

Marine pollutant

No

Technical name:

Proper ship name:

Comments

Shipping symbols:

Packaging regulations:

PAC MaxNet.
CAD MaxNet.

Airmail:

Approved

15. Regulatory information

Labelling in accordance with EU directives

EC/R:

-.-

EC/S:

-.-

National regulations:

Classification in accordance with VbF:

n.m.

Water hazard class:

CAS No.

-.-

Substance

-.-

WHC

1 (self-classification)

Safety Data Sheet

according to regulation (EU) No. 1907/2006

Trade name: picodent easyflow

16. Other information

n.a.= Not applicable

n.m. = Not mandated

The information exclusively describes the product with regard to safety requirements and is based on our current knowledge. It does not represent any assurance of characteristics for the described product in terms of statutory warranty regulations. You can find the delivery specifications in the respective product data sheets.