

Safety Data Sheet

according to regulation (EU) No. 1907/2006

Rev. 2015-05

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

Information on the product

Trade name: Majesthetik-Stumpfix

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

Classification of the substance or mixture

Classification according to Directive 67/548/EEC or 1999/45/EC

Indications of danger: Xi - Irritant

R phrases:

Irritating to skin.

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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

Hazard categories:

Skin corrosion/irritation: Skin Irrit. 2

Hazardous to the aquatic environment: Aquatic Chronic 3

Hazard Statements:

Causes skin irritation.

Harmful to aquatic life with long lasting effects.

Label elements

Signal word:

Pictograms:

Warning

GHS07



Hazard statements

H315

Causes skin irritation.

H412

Harmful to aquatic life with long lasting effects.

Precautionary statements

P280

Wear protective gloves/protective clothing/eye protection.

P302+P350

IF ON SKIN: Gently wash with plenty of soap and water.

P305+P351+P338

IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313

If eye irritation persists: Get medical advice/attention.

P333+P313

If skin irritation or rash occurs: Get medical advice/attention.

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Special labelling of certain mixtures

EUH208 Contains dibenzoyl peroxide, Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide.
May produce an allergic reaction.

Other hazards

Polymerization with heat evolution may occur in the presence of radical forming substances (e.g. peroxides), reducing substances, and/or heavy metal ions.

3. Composition/information on ingredients

Mixtures

Chemical characterization

Mixture of acrylic resins, fillers and initiators.

Hazardous components

EC No	Chemical name	Quantity
CAS No	Classification according to Directive 67/548/EEC	
Index No	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
REACH No		
72869-86-4	7,7,9-Trimethyl-4,13-dioxo-3,14-dioxa-5,12-diaza-hexadecan-1,16-diol dimethacrylate R52-53 Aquatic Chronic 3; H412	35 - 65 %
	acrylic resin Xi - Irritant R38 Skin Irrit. 2; H315	10 - 40 %
202-327-6	dibenzoyl peroxide	< 1 %
94-36-0	E - Explosive, O - Oxidizing, Xi - Irritant R3-7-36-43	
617-008-00-0	Org. Perox. B, Eye Irrit. 2, Skin Sens. 1; H241 H319 H317	
278-355-8	Diphenyl (2,4,6-trimethylbenzoyl) phosphine oxide	< 1 %
75980-60-8	Repr. Cat. 3, N - Dangerous for the environment R62-43-51-53	
015-203-00-X	Repr. 2, Skin Sens. 1, Aquatic Chronic 2; H361 H317 H411	

Full text of R-, H- and EUH-phrases: see section 16.

4. First aid measures

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

Do NOT induce vomiting. Medical treatment necessary.

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Most important symptoms and effects, both acute and delayed No information available.

Indication of any immediate medical attention and special treatment needed Treat symptomatically.

5. Fire-fighting measures

Extinguishing media
Suitable extinguishing media Foam. Extinguishing powder Carbon dioxide
Unsuitable extinguishing media Full water jet

Special hazards arising from the substance or mixture In case of fire may be liberated: Carbon monoxide. Carbon dioxide Hazardous decomposition products

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

Additional information 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

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.

Environmental precautions Do not allow to enter into surface water or drains.

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.

Reference to other sections Safe handling: see section 7
 Personal protection equipment: see section 8
 Disposal: see section 13

7. Handling and storage

Precautions for safe handling
Advice on safe handling Provide adequate ventilation.
Advice on protection against fire and explosion Keep away from sources of ignition. - No smoking.

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. Can polymerize with intense heat release.

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Advice on storage compatibility

Do not store together with:
Oxidising agent, strong
food

8. Exposure controls/personal protection

Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
94-36-0	Dibenzoyl peroxide	-	5		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL

Exposure controls

Protective and hygiene measures

Avoid contact with skin, eyes and clothes. Draw up and observe skin protection programme. 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

tightly fitting goggles

Hand protection

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

Wear suitable protective clothing.

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state: pasty
Colour: ivory-coloured
Odour: characteristic

Test method

pH-Value: not determined

Changes in the physical state

Melting point: not determined

Initial boiling point and boiling range: not determined

Flash point: > 100 °C

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: not determined

Water solubility: insoluble

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Solubility in other solvents

Partition coefficient:
Vapour density:
Evaporation rate:

The substance is not soluble in water.
not determined
not determined
not determined

Other information

Solid content:

not determined

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

10. Stability and reactivity

Reactivity

No hazardous reaction when handled and stored according to provisions.

Chemical stability

The product is stable under storage at normal ambient temperatures.

Possibility of hazardous reactions

Polymerization with heat evolution may occur in the presence of radical forming substances (e.g. peroxides), reducing substances, and/or heavy metal ions.

Conditions to avoid

Protect from the action of light. Keep only in the original container at a temperature between 4 -25 °C.
Can polymerize with intense heat release.

Incompatible materials

Oxidising agent, Reducing agent, Heavy metals, acids, Alkali (lye)

Hazardous decomposition products

No known hazardous decomposition products.

11. Toxicological information

Information on toxicological effects

Acute toxicity

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

CAS No	Chemical name	Exposure routes	Method	Dose	Species	Source
72869-86-4	7,7,9-Trimethyl-4,13-dioxo-3,14-dioxa-5,12-diaza-hexadecan-1,16-diol dimethacrylate	oral	LD50	>2000 mg/kg	Rat	OECD 401
	acrylic resin	oral	LD50	> 3000 mg/kg	Rat	
75980-60-8	Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	oral	LD50	> 5000 mg/kg	Rat	RTECS

Irritation and corrosivity

Causes skin irritation.

Sensitising effects

Based on available data, the classification criteria are not met.
Possible sensitization in case of persons suffering from hypersensitivity .

STOT-single exposure

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

Severe effects after repeated or prolonged exposure

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

Carcinogenic/mutagenic/toxic effects for reproduction

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

Aspiration hazard

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

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Further information

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

12. Ecological information

Toxicity

CAS No	Chemical name	Method	Dose	[h] [d]	Species	Source
72869-86-4	7,7,9-Trimethyl-4,13-dioxo-3,14-dioxa-5,12-diaza-hexadecan-1,16-diol dimethacrylate	LC50	10,1 mg/l	96 h	Brachydanio rerio (zebra-fish)	OECD 203
75980-60-8	Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	EC50	3,53 mg/l	48 h	Daphnia	

Persistence and degradability

The product has not been tested.

CAS No	Chemical name	Method	Value	d	Source
72869-86-4	7,7,9-Trimethyl-4,13-dioxo-3,14-dioxa-5,12-diaza-hexadecan-1,16-diol dimethacrylate	Biodegradation	22 %	28	OECD 301 F

Bioaccumulative potential

The product has not been tested.

Mobility in soil

The product has not been tested.

Results of PBT and vPvB assessment

The product has not been tested.

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.

13. Disposal considerations

Waste treatment methods

Advice on disposal

Small quantities can be polymerized by light and the cured solid material can be disposed of with the regular garbage. Larger quantities must be disposed of following the regulations of the local authorities.

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

Waste disposal number of waste from residues/unused products

070208 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of plastics, synthetic rubber and man-made fibres; other still bottoms and reaction residues Classified as hazardous waste.

Waste disposal number of contaminated packaging

070208 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of plastics, synthetic rubber and man-made fibres; other still bottoms and reaction residues Classified as hazardous waste.

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.

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14. Transport information

Land transport (ADR/RID) Other applicable information (land transport)	No dangerous good in sense of these transport regulations.
Inland waterways transport (ADN) Other applicable information (inland waterways transport)	No dangerous good in sense of these transport regulations.
Marine transport (IMDG) Other applicable information (marine transport)	No dangerous good in sense of these transport regulations.
Air transport (ICAO) Other applicable information (air transport)	No dangerous good in sense of these transport regulations.
Special precautions for user	No information available.
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	not applicable

15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture	
National regulatory information	Water contaminating class (D): 1 - slightly water contaminating
Chemical safety assessment	Chemical safety assessments for substances in this mixture were not carried out.

16. Other 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 R-phrases (Number and full text)

03	Extreme risk of explosion by shock, friction, fire or other sources of ignition.
07	May cause fire.
36	Irritating to eyes.
38	Irritating to skin.
43	May cause sensitisation by skin contact.
51	Toxic to aquatic organisms.
52	Harmful to aquatic organisms.
53	May cause long-term adverse effects in the aquatic environment.
62	Possible risk of impaired fertility.

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

H241	Heating may cause a fire or explosion.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H361	Suspected of damaging fertility or the unborn child.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH208	Contains dibenzoyl peroxide, Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide. May produce an allergic reaction.

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.