

Safety Data Sheet

according to Regulation (EC) No. 1907/2006

WHITEsmile Gingiva Protector

Revised on: 04.04.2022

Page 1 from 8

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

1.1. Product identifier

WHITEsmile Gingiva Protector

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

Use of the substance/mixture

The product is a light-curable resin for protecting the gingiva from burns with high-percentage hydrogen peroxide during tooth whitening treatment. The material is also suitable for covering adjacent teeth that should not be bleached as well, exposed tooth necks and filling materials.

1.3. Details of the supplier providing the safety data sheet

Company	WHITEsmile GmbH	
name: Street:	Weinheimer Street 6	
Place:	69488 Birkenau	
Phone:	+49 62 01 / 8 43 21-90	Fax: +49 62 01 / 8 43 21-99
E-mail:	info@whitesmile.com	
Internet:	https://www.whitesmile.com	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Skin Sens. 1; H317
Aquatic Chronic 3; H412

Wording of the hazard statements: see SECTION 16

2.2. Label elements

Regulation (EC) No. 1272/2008

Hazard-determining components of labeling

Acrylic resin

Signal word: Warning

Pictograms:



Hazard warnings

H317 May cause allergic skin reactions.
H412 Harmful to aquatic life with long lasting effects.

Safety instructions

P261 Avoid breathing dust/fume/gas/mist/vapor/aerosol.
P280 Wear protective gloves/protective clothing/eye protection.
P302+P352 IF IN CONTACT WITH SKIN: Wash with plenty of soap and water.
P333+P313 For skin irritation or rash: Get medical advice/attention.
P501 Dispose of contents/container in accordance with local regulations.

Special labeling of certain mixtures

For professional users only.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006

WHITEsmile Gingiva Protector

Revised on: 04.04.2022

Page 2 from 8

2.3. Other hazards

In the presence of radical formers (e.g. peroxides), reducing substances and/or heavy metal ions, polymerization with heat generation is possible.

SECTION 3: Composition/Information on ingredients

3.2 Mixtures

Chemical characterization

Mixture of acrylic resins, fillers and initiators.

Hazardous ingredients

CAS No.	Substance name			Share
	EC no.	Index no.	REACH no.	
	Classification (Regulation (EC) No 1272/2008)			
	Acrylic resin			< 20 %
	Skin Sens. 1B, Aquatic Chronic 2; H317 H411			

Wording of H- and EUH-phrases: see section 16.

Specific concentration limits, M-factors and ATE

CAS No.	EC no.	Substance name	Share
		Specific concentration limits, M-factors and ATE	
		Acrylic resin	< 20 %
		dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 2000 mg/kg	

SECTION 4: First aid measures

4.1. Description of first aid measures

General instructions

Medical attention is required in case of symptoms obviously due to exposure of skin, eyes to the product or inhalation of its vapors. Immediately remove contaminated, soaked clothing.

After inhalation

Provide fresh air. Medical treatment necessary.

After skin contact

After contact with skin, wash immediately with plenty of soap and water. Change contaminated clothing immediately. Medical treatment necessary.

After eye contact

After eye contact: Immediately rinse cautiously and thoroughly with eye wash or water. Consult an ophthalmologist.

After ingestion

Do not induce vomiting. Medical treatment necessary.

4.2. Most important symptoms and effects, both acute and delayed

There is no information available.

4.3. Indication of any immediate medical attention and special treatment needed

Symptomatic treatment.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Foam. Extinguishing powder Carbon dioxide

Unsuitable extinguishing agents

Water full jet

Safety Data Sheet

according to Regulation (EC) No. 1907/2006

WHITEsmile Gingiva Protector

Revised on: 04.04.2022

Page 3 from 8

5.2. Special hazards arising from the substance or mixture

In case of fire may be formed: Carbon monoxide/ Carbon dioxide Hazardous decomposition products

5.3. Advice for firefighters

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

Additional notes

Knock down gases/vapors/mist with water spray. Collect contaminated extinguishing water separately. Do not allow to enter drains or waterways.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General notes

Ensure adequate ventilation. Do not breathe gas/fumes/vapor/aerosol. Avoid contact with skin, eyes and clothing. Use personal protective equipment.

6.2. Environmental precautions

Do not allow to enter drains or water courses.

6.3. Methods and material for containment and cleaning up

Further information

Handle the ingested material according to the Disposal section.

6.4. Reference to other sections

Safe handling: see section 7

Personal protective equipment: see section 8

Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Notes on safe handling

Ensure good room ventilation.

Notes on fire and explosion protection

Keep away from sources of ignition - Do not smoke.

Notes on general hygiene measures at the workplace

Avoid contact with skin, eyes and clothing. Draw up a skin protection plan and follow it! Wash hands and face thoroughly before breaks and at the end of work, shower if necessary. Do not eat or drink while working.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and containers

Protect from exposure to light. Store only in the original container at a temperature between 4 - 25 °C. May polymerize under intense heat.

Combined storage instructions

No special precautions required.

SECTION 8: Exposure controls/personal protection

8.1. Control parameter

8.2. Exposure controls

Individual protective measures, for example personal protective equipment

Eye/face protection

Tight fitting safety goggles

Safety Data Sheet

according to Regulation (EC) No. 1907/2006

WHITEsmile Gingiva Protector

Revised on: 04.04.2022

Page 4 from 8

Hand protection

Protective gloves should be changed regularly, especially after intensive contact with the product. A suitable type of glove must be selected for each workplace.

Body protection

Wear suitable protective clothing when working.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State of aggregation: viscous
Color: blue
Odor: hardly perceptible

Changes of state

Melting point/freezing point: not determined
Boiling point or initial boiling point and boiling range: > 100 C
Flash point: > 100 C

Flammability Solid/Liquid:

Gas: not applicable
not applicable

Lower explosion limit: Upper explosion limit:

not
determined

Auto-ignition temperature

Solid: not
Gas: decomposition determined

temperature:

not applicable
not applicable

pH value:

not determined
not determined

Dynamic viscosity:

150 * 1000 mPa-s

Water solubility:

No test required as the substance is known to be insoluble in water.

Solubility in other solvents

The substance is not soluble in water.

not determined

Partition coefficient n-octanol/water:

Vapor pressure:

not determined

Density:

not determined

Relative vapor density:

not determined

9.2. Other information

Other safety-related parameters

Solids content:

not determined

Evaporation rate:

not determined

More details

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

Safety Data Sheet

according to Regulation (EC) No. 1907/2006

WHITEsmile Gingiva Protector

Revised on: 04.04.2022

Page 5 from 8

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reactions will occur if handled and stored as directed.

10.2. Chemical stability

The product is stable when stored at normal ambient temperatures.

10.3. Possibility of hazardous reactions

In the presence of radical formers (e.g. peroxides), reducing substances and/or heavy metal ions, polymerization with heat generation is possible.

10.4. Conditions to avoid

Protect from exposure to light. Store only in the original container at a temperature between 4 - 25 °C. May polymerize under intense heat.

10.5. Incompatible materials

Oxidizing agents, reducing agents, heavy metals, acids, alkalis (lyes)

10.6. Hazardous decomposition products

No hazardous decomposition products are known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

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

CAS No.	Designation				
	Exposure route	Method	Dose	Species	Source
	Acrylic resin				
	oral	LD50	> 200 mg/kg	Rat	
	dermal	LD50	> 200 mg/kg	Rat	

Irritant and corrosive effect

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

Sensitizing effects

May cause allergic skin reactions. (Acrylic resin)
Sensitization is possible in those predisposed to it.

Carcinogenic, mutagenic and toxic for reproduction effects

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

Specific target organ toxicity at single exposure

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

Specific target organ toxicity in case of repeated exposure

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

Aspiration hazard

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

General remarks

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

Safety Data Sheet

according to Regulation (EC) No. 1907/2006

WHITEsmile Gingiva Protector

Revised on: 04.04.2022

Page 6 from 8

SECTION 12: Environmental information

12.1. Toxicity

CAS No.	Designation					
	Aquatic toxicity	Method	Dose	[h] [d]	Species	Source
	Acrylic resin					
	Acute fish toxicity	LC504	.95 mg/l	96 h		

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.

12.5. Results of the PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, Annex XIII. The product has not been tested.

12.6. Endocrine disrupting properties

This product does not contain any substance that exhibits endocrine disrupting properties towards non-target organisms as no ingredient meets the criteria.

12.7. Other adverse effects

There is no information available.

Further Guidance

Do not allow uncontrolled release of product into the environment. Do not allow to enter drains or water courses.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Recommendations for disposal

Smaller quantities can be light cured and disposed of as household waste. Larger quantities must be disposed of as hazardous waste in accordance with country regulations. Do not allow to enter drains or water courses. Dispose of in accordance with official regulations.

Waste code - unused product

070208 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of Plastics, synthetic rubber and synthetic fibers; other reaction and distillation residues; hazardous waste

Waste code - uncleaned packaging

070208 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of Plastics, synthetic rubber and synthetic fibers; other reaction and distillation residues; hazardous waste

Disposal of uncleaned packaging and recommended cleaning agents

This product and its container must be disposed of as hazardous waste. Contaminated packaging must be treated in the same way as the substance.

SECTION 14: Transport information

Land transport (ADR/RID)

Other relevant information on land transport

Not a hazardous material as defined by these transport regulations.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006

WHITEsmile Gingiva Protector

Revised on: 04.04.2022

Page 7 from 8

Inland waterway transport (ADN)

Other relevant information on inland waterway transport

Not a hazardous material as defined by these transport regulations.

Sea transport (IMDG)

Other relevant information on maritime transport

Not a hazardous material as defined by these transport regulations.

Air transport (ICAO-TI/IATA-DGR)

Other relevant information on air transport

Not a hazardous material as defined by these transport regulations.

14.6 Special precautions for the user

There is no information available.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code.

inapplicable

SECTION 15: Regulatory information

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

EU regulations

Restrictions on use (REACH, Annex XVII):

Entry 3, Entry 75

National regulations

Water hazard class: Status:

2 - clearly hazardous to water

15.2. Chemical Safety Assessment

Classification of mixtures according to Annex 1, No. 5 AwSV

Chemical safety assessments for substances in this mixture have not been performed.

SECTION 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%

Classification of mixtures and assessment method used according to Regulation (EC) No 1272/2008 [CLP].

Classification	Classification procedure
Skin Sens. 1; H317	Calculation method
Aquatic Chronic 3; H412	Calculation method

Wording of H- and EUH-phrases (number and full text)

H317 May cause allergic skin reactions.

H411 Toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006

WHITEsmile Gingiva Protector

Revised on: 04.04.2022

Page 8 from 8

More details

The information in this safety data sheet is based on our best knowledge at the time of printing. The information is intended to provide guidance on the safe handling of the product specified in this safety data sheet during storage, processing, transportation and disposal. The information is not transferable to other products. Insofar as the product is mixed with other materials, is mixed or processed, or subjected to machining, the information in this safety data sheet cannot be transferred to the new material thus produced, unless expressly stated otherwise.

(The data of the hazardous ingredients were taken from the latest safety data sheet of the supplier).