

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Revision date: 14.10.2020

**PREMIO Alegra PRO
PREMIO Alegra SMILE**

Page 1 of 6

SECTION 1: Identification**1.1 Product name**

PREMIO Alegra PRO
PREMIO Alegra SMILE

1.2 Relevant identified uses of the substance or mixture and uses that are not recommended

Recommended use: Dental product only for dentists and dental technicians

1.3 Sales

Manufacturer: primotec Joachim Mosch e.K.
Tannenwaldallee 4
61348 Bad Homburg
Germany
E-Mail: primotec@primogroup.de
Internet: www.primogroup.de
Phone: +49 (0) 6172 99 77 00
Fax: +49 (0) 6172 99 77 0 99

1.4 Emergency number

Phone: +49 (0) 6172 99 77 00

SECTION 2: Hazard identification

2.1 Physical/chemical hazards: not determined

2.2 Environmental hazards: not determined

2.3 Exposure effect: not determined

2.4 Symptom of exposure: not determined

SECTION 3: Composition/Information on Ingredients

Ingredient	C.A.S. No.
Zirconium oxide ceramics	66402-68-4

SECTION 4: First aid measures

Primary types of admission: eye and skin contact; Intake; inhalation and skin absorption.
Eye and skin hypersensitivity can be exacerbated by exposure.

After inhalation:
Provide fresh air. In case of symptoms, medical treatment is necessary.

After ingestion:
Rinse mouth, but DO NOT cause puking. Medical treatment required.

After skin contact:
When in contact with the skin, immediately wash off with water and soap. In case of symptoms, medical treatment is necessary.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Revision date: 14.10.2020

**PREMIO Alegria PRO
PREMIO Alegria SMILE**

Page 2 of 6

After eye contact:

Immediately carefully and thoroughly rinse with eye shower or with water, remove contact lenses if possible. In case of symptoms, medical treatment is necessary.

SECTION 5: Fire-fighting measures**5.1. Suitable extinguishing agents**

Foam, extinguishing powder, carbon dioxide

5.2. Special hazards arising from the substance or mixture

None

5.3. Special protection measures for firefighters

There is no need for special protective measures for firefighters.

SECTION 6: Measures for unintentional release**6.1. Personal precautions, protective equipment and emergency measures**

Evacuate area and in case of large spill or spill in confined spaces, set up mechanical ventilation or vacuum exhalation.

6.2. Environmental protection measures

Do not allow to enter the sewers or water bodies.

6.3. Methods and materials for containment and cleaning

Collect as much of the spilled material as possible and dispose of it professionally.

SECTION 7: Handling and storage**7.1. Handling & Storage:**

Avoid contact with skin, eyes, and clothing. Create and follow the protection plan! Wash your hands and face thoroughly before breaks and at work, shower incessantly if necessary. Do not eat and drink at work.

Wash thoroughly after handling.

No special storage requirements.

SECTION 8: Limitation of Exposure/Personal Protective Equipment

Eye/face protection:

Glasses with side shields

Skin protection:

Avoid prolonged or repeated skin contact.

Guard:

Wash thoroughly after handling.

Respiratory:

No respiratory protection required; mouthguard recommended.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Revision date: 14.10.2020

**PREMIO Alegria PRO
PREMIO Alegria SMILE**

Page 3 of 6

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

General Physical Form:	Solid
Specific physical shape:	Solid block or plate
Smell:	Odorless
Smell threshold:	not determined
pH value:	not determined
Melting point:	not determined
Boiling Point:	not determined
Flash point:	No flash point
Evaporation rate:	not applicable
Flammability (solid, gas):	not classified
Density:	not determined
Specific gravity:	not determined
Solubility in water:	not soluble
Solubility in non-water:	not determined
Steam pressure:	not applicable
Evaporation rate:	not applicable
Auto ignition temperature:	not applicable
Decomposition temperature:	not determined
Viscosity:	not applicable
Molecular weight:	not determined
Other data:	none

SECTION 10: Stability and reactivity**10.1. Reactivity**

No dangerous reactions occur when handled and stored as intended.

10.2. Chemical stability

The product is stable at normal ambient temperatures when stored.

10.3. Possibility of dangerous reactions

Dangerous polymerization does not take place.

10.4. Conditions to be avoided

None known.

10.5. Incompatible Materials

No incompatible materials are known.

10.6. Dangerous Decomposition Products

No dangerous decomposition products are known.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Revision date: 14.10.2020

**PREMIO Alegria PRO
PREMIO Alegria SMILE**

Page 4 of 6

SECTION 11: Toxicological information**11.1. Information on toxicological effects**

Signs and symptoms of exposure

Based on test data and/or component information, this material may have the following health effects:

Inhalation/respiratory irritation:

Symptoms can include coughing, sneezing, nasal discharge, headache, hoarseness, and nasal and throat pain.

Skin contact/skin irritation:

Symptoms can include abrasion, redness, pain, and itching.

Eye contact/eye irritation:

Symptoms can include pain, redness, tearing and corneal abrasion.

Ingestion/gastrointestinal irritation:

Ingestion can be harmful, and symptoms can include abdominal pain, upset stomach, nausea, vomiting and diarrhea.

Toxicological data

If a component is listed in Section 3 but is not mentioned in a table below, either no data is available for that endpoint, or the data is not sufficient for classification.

Acute toxicity

Name	Value
Complete product	No data available; calculated ATE 2,000 - 5,000 mg/kg
Zirconium oxide ceramics	LD50 estimated at > 5,000 mg/kg
Zirconium oxide ceramics	LD50 is estimated at 2,000 - 5,000 mg/kg

ATE = estimate of acute toxicity

Skin corrosion/irritation

Name	Species	Value
Zirconium oxide ceramics	Rabbit	No significant irritation

Severe eye damage/irritation

Name	Species	Value
Zirconium oxide ceramics	Rabbit	Mild irritant

Skin sensitization

The component/components are currently either not available for data or are not sufficient for classification.

Respiratory Sensitization

The component/components are currently either not available for data or are not sufficient for classification.

Germ cell mutagenicity

Name	Route	Value
------	-------	-------

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Revision date: 14.10.2020

PREMIO Alegria PRO PREMIO Alegria SMILE

Zirconium oxide ceramics	In Vitro	Based on the available data, the classification criteria are not met.
--------------------------	----------	---

Carcinogenicity

Name	Route	Species	Value
Zirconium oxide ceramics	Inhale	Multiple animal species	Based on the available data, the classification criteria are not met.

Reproductive and/or developmental effects

The component/components are currently either not available for data or are not sufficient for classification.

Special organs

Specific target organ toxicity - single exposure

The component/components are currently either not available for data or are not sufficient for classification.

Specific target organ toxicity - repeated exposure

Name	Route	Zielorgan	Value	Species	Test-result	Exhibitions-dauer
Zirconium oxide ceramics	Inhale	pulmonary fibrosis	Based on the available data, the classification criteria are not met.	Multiple animal species	NOAEL - not available	
Zirconium oxide ceramics	Inhale	pulmonary fibrosis	Based on the available data, the classification criteria are not met.	Human	NOAEL - not available	Occupational exposure

The component/components are currently either not available for data or are not sufficient for classification.

Please contact the address or telephone number listed on the first page of the safety data sheet for additional toxicological information about this material and/or its components.

SECTION 12: Ecological information

If used properly, no environmental problems are to be expected. Do not dispose of in open water areas, into groundwater or into the drain.

Ecotoxicity:	The product has not been tested.
Mobility:	The product has not been tested.
Persistence/degradability:	The product has not been tested.
Bioaccumulation potential:	The product has not been tested.
Other Side Effects:	None

SECTION 13: Disposal Notes

Disposal methods

Dispose of the contents and containers in accordance with the regulations.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Revision date: 14.10.2020

PREMIO Alegra PRO
PREMIO Alegra SMILE

Page 6 of 6

SECTION 14: Transport information

Land transport (ADR/RID)

Other relevant information on land transport

No dangerous goods within the meaning of these transport regulations.

Inland water vessel transport (ADN)

Other relevant information on land transport

No dangerous goods within the meaning of these transport regulations.

Sea shipment transport (IMDG)

Other relevant information on land transport

No dangerous goods within the meaning of these transport regulations.

Air transport (ICAO-TI/IATA-DGR)

Other relevant information on land transport

No dangerous goods within the meaning of these transport regulations.

Special precautions for the user

There is no information available

Bulk transport in accordance with Annex II to the MARPOL Convention and the IBC Code
not applicable**SECTION 15: Regulatory information****15.1 Safety, health, and environmental regulations/legislation for the product**

Contact primotec for more information.

SECTION 16: For more information

For more information

The information in this safety data sheet corresponds to the best of our knowledge when printing. The information is intended to provide you with information on the safe handling of the product mentioned in this safety data sheet during storage, processing, transport and disposal. The information is not transferable to other products. Insofar as the product is mixed with other materials, mixed or processed, or subjected to processing, the information in this safety data sheet cannot be transferred to the new material produced in this way, unless otherwise expressly stated.