Safety Data Sheet

In accordance with REACH Regulation (EC) 1907/2006 including amending Regulation (EU) 2020/878

SECTION 1: Identification of the Substance or Mixture and the Company

1.1. Product identifier

Vitri Foam A1 Component B

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

Use of the substance/mixture

Joint sealant for, e.g., inspection hatches and doors or double-wall linings in chimney or wood-burning stove connections.

Uses advised against

Any use other than the intended use.

1.3. Details of the supplier providing the safety data sheet

Company name	Culimeta Textilglas-Technologie GmbH & Co. KG
Street	Werner-von-Siemens-Str. 9
City	D-49593 Bersenbrück
Phone	+49 (0) 5439 / 94 16-0 Fax: +49 (0) 5439 / 94 16-10
Email	info@culimeta.de
Website	https://www.culimeta.de

1.4. Emergency number:

Giftinformationszentrum-Nord (GIZ-Nord)
Universitätsmedizin Göttingen
Georg-August-Universität
Robert-Koch-Str. 40
37075 Göttingen
Emergency Hotline: 0551 192 40 (Everyone)
and -383 180 (Professionals)
Email: Giznord@giz-nord.de
www.Giftinformationszentrum-Nord.de

Additional Information

Safety Data Sheet in accordance with Regulation (EC) No. 1907/2006 (as amended by Regulation (EU) No. 2020/878)

SECTION 2: Potential Hazards

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

This mixture is not classified as hazardous within the meaning of Regulation (EC) No. 1272/2008.

2.2. Labelling elements

Regulation (EG) No. 1272/2008

Special labelling of certain mixtures

EUH210 Safety data sheet available upon request.

Note on labelling

Labelling in accordance with Regulation (EC) No. 1272/2008 [CLP]: none

2.3. Other Hazards

The substances in the mixture (>0.1%) do not meet the PBT/vPvB criteria according to REACH, Annex XIII.
This product does not contain any substance (>0.1%) that exhibits endocrine-disrupting properties in humans, as no ingredient meets the criteria.
This product does not contain any substance (>0.1%) that exhibits endocrine-disrupting properties in non-target organisms, as no ingredient meets the criteria.
There are no particular hazards to note. Please be sure to follow the instructions in the safety data sheet.

SECTION 3: Composition/Information on Ingredients

3.2. Mixtures

Relevant components

CAS No.	Substance name			Percentage
	EC No.	Index No.	REACH No.	
	Classification (Regulation (EC) No. 1272/2008)			
108-32-7	Propylene carbonate			>1 - < 10%
	203-572-1	607-194-00-1	01-2119537232-48	
	Eye Irrit. 2; H319			

Wording of H and EUH statements: see Section 16.

Specific concentration limits, M-factors, and ATE

CAS No.	EC No.	Substance name	Percentage
	Specific concentration limits, M-factors, and ATE		
108-32-7	203-572-1	Propylene carbonate	5 - < 7%
	dermal: LD50 = > 5000 mg/kg; oral: LD50 = > 2000 mg/kg		

Additional Information

The product does not contain any listed SVHC substances in concentrations exceeding 0.1% in accordance with Regulation (EC) No. 1907/2006, Article 59 (REACH).

SECTION 4: First Aid Measures

4.1. Description of First Aid Measures

General Information

In case of an accident or if you feel unwell, seek medical attention immediately (if possible, show the operating instructions or safety data sheet).

After inhalation

In case of inhalation: Move the affected person to fresh air and keep them at rest. Seek medical attention if respiratory irritation occurs.

After skin contact

Gently wash with plenty of soap and water. Consult a doctor if skin irritation occurs.

After eye contact

Gently rinse with water for several minutes. Remove any contact lenses if possible. Continue rinsing. Consult an ophthalmologist if symptoms occur or persist.

After ingestion

Rinse the mouth thoroughly with water. Have the person drink plenty of water in small sips (dilution effect).
DO NOT induce vomiting. Seek medical advice if symptoms occur or in case of doubt.

4.2. Most important acute and delayed symptoms and effects

No symptoms have been reported so far.

4.3. Indications for immediate medical attention or special treatment

Symptomatic treatment.

SECTION 5: Firefighting Measures

5.1. Extinguishing agents

Suitable extinguishing agents

Carbon dioxide (CO_2). Dry chemical extinguishing agents. Alcohol-resistant foam. Water spray.

Unsuitable extinguishing agents

Full-power water jet.

5.2. Special hazards arising from the substance or mixture

In case of fire, the following may be released: Carbon monoxide. Carbon dioxide (CO2).

5.3. Firefighting instructions

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

Additional instructions

Collect contaminated firefighting water separately. Do not allow to enter sewers or waterways. Adapt firefighting measures to the surrounding environment.

SECTION 6: Measures to be taken in the event of an accidental release

6.1. Personal Precautions, Protective Equipment, and Emergency Procedures

General Information

Safe handling: see Section 7

Personnel not trained for emergencies

Wear personal protective equipment (see Section 8).

Emergency responders

No special measures are required.

6.2. Environmental precautions

Prevent release into the environment.

6.3. Methods and materials for containment and cleaning up

For containment

Absorb with liquid-binding material (sand, diatomaceous earth, acid binders, universal binders).
Dispose of the absorbed material in accordance with the disposal section.

For cleaning up

Thoroughly clean contaminated objects and surfaces in accordance with environmental regulations.

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

Instructions for safe handling

Wear appropriate protective clothing while working. (See Section 8.)

Instructions for fire and explosion protection

Standard fire prevention measures.

Instructions for general hygiene measures in the workplace

Always close containers tightly after removing the product. Do not eat, drink, or smoke while working.

Wash hands before breaks and at the end of the workday.

Further information regarding safe handling

Protective and hygiene measures: See Section 8.

7.2. Conditions for safe storage, taking incompatibilities into account

Requirements for storage areas and containers

Keep containers tightly closed and store in a cool, well-ventilated place.

Storage compatibility instructions

Do not store together with: Explosives. Solid substances with oxidizing properties. Liquid substances with oxidizing properties. Radioactive substances. Infectious substances. Food and feed.

Further information on storage conditions

Keep the packaging dry and tightly closed to prevent contamination and absorption of moisture.
Recommended storage temperature: 20 °C
Protect against: Frost. UV radiation/sunlight. Heat. Moisture
Storage class according to TRGS 510: 10-13

7.3. Specific end uses

See Section 1.

SECTION 8: Exposure Limits and Monitoring/Personal Protective Equipment

8.1. Parameters to be monitored

Occupational exposure limits

CAS No.	Name	ppm	mg/m³	F/m³	Peak limit factor	Note	Type
-	General dust exposure limit, respirable fraction		1.25 A			Y	TRGS 900
108-32-7	Propylene carbonate (4-Methyl-1,3-dioxolan-2-on)	2	8.5		1(I)	Y	TRGS 900

DNEL/DMEL values

CAS No.	Name		
DNEL Type	Route of exposure	Effect	Value
108-32-7	Propylencarbonat		
DNEL employees, long-term	inhalation	systemic	70,53 mg/m³
DNEL employees, long-term	inhalation	local	20 mg/m³
DNEL employees, long-term	dermal	systemic	20 mg/kg BW/d
DNEL employees, long-term	dermal	local	10 mg/cm²
DNEL consumers, long-term	inhalation	systemic	17,4 mg/m³
DNEL consumers, long-term	inhalation	local	10 mg/m³
DNEL consumers, long-term	dermal	systemic	10 mg/kg BW/d
DNEL consumers, long-term	oral	systemic	10 mg/kg BW/d

PNEC values

CAS No.	Name
Environmental compartment	Value
108-32-7	Propylene carbonate
Freshwater	0,9 mg/l
Freshwater (intermittent discharge)	9 mg/l
Seawater	0,09 mg/l
Seawater (intermittent discharge)	0,9 mg/l
Microorganisms in wastewater treatment plants	7400 mg/l
Soil	0,81 mg/kg

8.2. Exposure Limits and Monitoring

Appropriate technical control devices

Technical measures and the use of appropriate work procedures take precedence over the use of personal protective equipment.
Ensure adequate ventilation.

Individual protective measures, such as personal protective equipment

Eye/Face Protection

Wear safety goggles; chemical-resistant goggles (in case of splashes). DIN EN ISO 16321-1:2022

Hand Protection

In case of prolonged or frequent skin contact: Wear suitable protective gloves.
Suitable material:
FKM (fluorocarbon). - Glove material thickness: 0,4 mm
Breakthrough time: >= 8 h
Butyl rubber. - Glove material thickness: 0,5 mm
Breakthrough time: >= 8 h
CR (polychloroprene, chloroprene rubber). - Glove material thickness: 0,5 mm
Breakthrough time: >= 8 h
NBR (nitrile rubber). - Glove material thickness: 0,35 mm
Breakthrough time: >= 8 h
PVC (polyvinyl chloride). - Glove material thickness: 0,5 mm
Breakthrough time: >= 8 h
The gloves to be used must comply with the specifications of EC Regulation (EU) 2016/425 and the resulting standard EN ISO 374.
Check for leaks or impermeability before use. If you plan to reuse the gloves, clean them before removing them and store them in a well-ventilated area.

Body Protection

Appropriate personal protective equipment: lab coat.
Minimum protective measures in accordance with TRGS 500.

Respiratory Protection

When used properly and under normal conditions, respiratory protection is not required.

Thermal hazards

No special precautions are necessary.

Limiting and Monitoring Environmental Exposure

No special precautions are necessary.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Aggregate state	liquid
Color	white to brownish
Odor	characteristic
Odor threshold	not specified
Melting point / Freezing point	not specified
Boiling point or initial boiling point and	not specified
Boiling range	not specified
Flammability	not specified
Lower explosion limit	not specified
Upper explosion limit	not specified
Flash point	not specified
Ignition temperature	not specified
Decomposition temperature	not specified
pH value	not specified
Kinematic viscosity	not specified
Water solubility	miscible
Solubility in other solvents	not specified
Dissolution rate	not relevant
Partition coefficients	not relevant
n-octanol/water	not relevant
Dispersion stability	not relevant
Vapor pressure	not relevant

Density	1,63 g/cm³
Bulk density	not relevant
Relative vapor density	not specified
Particle properties	not relevant

9.2. Other Information

Information on physical hazard classes

Explosion hazards	none
Continuing combustibility	no self-sustaining combustion
Autoignition temperature	not relevant
Solid	not relevant
Gas	not relevant
Oxidizing properties	none

Other safety-related parameters

Vaporization rate	not specified
Solvent separation test	not specified
Solvent content	not specified
Solid content	not specified
Sublimation temperature	not relevant
Softening point	not relevant
Pour point	not relevant
Dynamic viscosity	not specified
Run-off time	not specified

SECTION 10: Stability and Reactivity

10.1. Reactivity

No information is available.

10.2. Chemische Stabilität

The product is chemically stable under the recommended storage, usage, and temperature conditions.

10.3. Possibility of hazardous reactions

No hazardous reactions occur when handled and stored in accordance with the instructions.

See Section 10.5.

10.4. Conditions to avoid

Protect from: UV rays/sunlight. Heat.

10.5. Incompatible materials

Substances to avoid: Oxidizing agents (strong). Reducing agents (strong).

10.6. Hazardous decomposition products

Does not decompose under normal conditions of use.

SECTION 11: Toxicological Information

11.1. Information on hazard classes as defined in Regulation (EC) No. 1272/2008

Toxicokinetics, Metabolism, and Distribution

No data available.

Acute toxicity

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

ATE mix calculates

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation, vapor) > 20 mg/l; ATE (inhalation, dust/mist) > 5 mg/l

CAS No.	Name				
	Route of exposure	Dose	Species	Source	Method
108-32-7	Propylene carbonate				
	oral	LD50 > 2000 mg/kg	Rat	REACH Dossier	
	dermal	LD50 > 5000 mg/kg	Rabbits	REACH Dossier	

Irritating and corrosive effects

Skin corrosion/irritation: Based on the available data, the classification criteria are not met.

Serious eye damage/eye irritation: Based on the available data, the classification criteria are not met.

Sensitizing effects

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

Carcinogenic, mutagenic, and reproductive toxic effects

Germ cell mutagenicity: Based on the available data, the classification criteria are not met.

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

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

Specific target organ toxicity following single exposure

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

Specific target organ toxicity following repeated exposure

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

Risk of aspiration

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

Specific effects in animal studies

No data available.

11.2. Information on other hazards

Endocrine-disrupting properties

This product does not contain any substance (>0.1%) that exhibits endocrine-disrupting properties in humans, as none of the ingredients meet the criteria.

Additional information

No data available.

SECTION 12: Environmental Information

12.1. Toxicity

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

CAS No.	Name					
	Aquatic toxicity	Dose	[h] | [d]	Species	Source	Method
108-32-7	Propylencarbonat					
	Acute fish toxicity	LC50 > 1000 mg/l	96 h	Cyprinus carpio	REACH Dossier	EU Method C.1
	Acute algal toxicity	ErC50 > 929 mg/l	72 h	Selenastrum sp.	REACH Dossier	OECD Guideline 201
	Acute crustacean toxicity	EC50 > 1000 mg/l	48 h	Daphnia magna	REACH Dossier	EU Method C.2
	Algal toxicity	NOEC 929 mg/l	3 d	Selenastrum sp.	REACH Dossier	OECD Guideline 201
	Acute bacterial toxicity	EC50 >= 25619 mg/l ( )	3 h	Pseudomonas putida	REACH Dossier	DIN 38412-8

12.2. Persistence and degradability

CAS No.	Name			
	Method	Value	d	Source
	Rating			
108-32-7	Propylene carbonate			
	OECD 301B / ISO 9439 / EEC 92/69 Annex V, C.4-C	83,5%	29	REACH Dossier
	Readily biodegradable (according to OECD criteria).			

12.3. Bioaccumulation potential Partition coefficient n-octanol/water

CAS No.	Name	Log Pow
108-32-7	Propylene carbonate	-0,41

12.4. Mobility in the soil

No data available.

12.5. Results of the PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria set forth in REACH, Annex XIII.

The foregoing statement applies to substances present in the product at concentrations of 0.1% or higher.

12.6. Endocrine-disrupting properties

This product does not contain any substances that exhibit endocrine-disrupting properties in non-target organisms, as none of its ingredients meet the relevant criteria.

The above statement applies to substances present in the product at concentrations of 0.1% or higher.

12.7. Other harmful effects

No data available.

Additional information

Do not allow this product to enter the sewer system or waterways.

SECTION 13: Disposal Information

13.1. Waste treatment methods

Disposal Recommendations

National regulations must also be observed! Contact the appropriate licensed waste disposal company regarding waste disposal. Uncontaminated and completely empty packaging can be recycled.

The assignment of waste code numbers and waste descriptions must be carried out in accordance with EAKV, taking into account industry- and process-specific requirements.

Suggested list of waste codes and waste descriptions in accordance with EAKV/AVV:

Waste code for unwashed packaging

150106 Packaging waste, absorbent materials, wipes, filter materials, and protective clothing (N.O.S.); packaging (including separately collected municipal packaging waste); mixed packaging

Disposal of uncleaned packaging and recommended cleaning agents

Contaminated packaging must be treated in the same way as the substance itself

SECTION 14: Shipping Information

Land transport (ADR/RID)

14.1. UN number or ID number:	Not a hazardous material as defined by transport regulations.
14.2. Proper UN shipping name:	Not a hazardous material as defined by transport regulations.
14.3. Transport hazard classes:	Not a hazardous material as defined by transport regulations.
14.4. Packing group:	Not a hazardous material as defined by transport regulations.

Inland waterway transport (ADN)

14.1. UN number or ID number:	Not a hazardous material as defined by transport regulations.
14.2. Proper UN shipping name:	Not a hazardous material as defined by transport regulations.
14.3. Transport hazard classes:	Not a hazardous material as defined by transport regulations.
14.4. Packing group:	Not a hazardous material as defined by transport regulations.

Maritime transport (IMDG)

14.1. UN number or ID number:	Not a hazardous material as defined by transport regulations.
14.2. Proper UN shipping name:	Not a hazardous material as defined by transport regulations.
14.3. Transport hazard classes:	Not a hazardous material as defined by transport regulations.
14.4. Packing group:	Not a hazardous material as defined by transport regulations.

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number:	Not a hazardous material as defined by transport regulations.
14.2. Proper UN shipping name:	Not a hazardous material as defined by transport regulations.
14.3. Transport hazard classes:	Not a hazardous material as defined by transport regulations.
14.4. Packing group:	Not a hazardous material as defined by transport regulations.

14.5. Environmental hazards

Hazardous to the environment: No

14.6. Special precautions for users

See Sections 6 - 8

14.7. Bulk cargo transport by sea in accordance with IMO instruments

not relevant

SECTION 15: Legal Provisions

15.1. Safety, health, and environmental protection regulations/specific legal requirements for the substance or mixture

EU regulations

Restrictions on use (REACH, Annex XVII):	Entry 75
Directive 2010/75/EU on Industrial Emissions:	not specified
Directive 2004/42/EC on VOCs in paints and varnishes:	not specified
Information regarding the SEVESO III Directive 2012/18/EU:	Not subject to the SEVESO III Directive

Additional Information

Safety Data Sheet in accordance with Regulation (EC) No. 1907/2006 (as amended by Regulation (EU) No. 2020/878)

The mixture is classified as non-hazardous within the meaning of Regulation (EC) No. 1272/2008 [CLP].
REACH 1907/2006 Annex XVII, No. (Mixture): not relevant

National regulations

Employment restriction	Follow the employment restrictions set forth in the Maternity Protection Act (MuSchG) Follow the restrictions set forth in the German Youth Employment Protection Act (JArbschG).
Technical Guidelines for Air I: Section	not specified
Water hazard class	1 – slightly hazardous to water
Status	Classification of mixtures in accordance with Annex 1, No. 5 of the AwSV

15.1. Chemical Safety Assessment

A chemical safety assessment was conducted for the following substance in this mixture: propylene carbonate

Safety Data Sheet

In accordance with REACH Regulation (EC) 1907/2006 including amending Regulation (EU) 2020/878

SECTION 16: Other Information

Revision notes

1.	Rev. 1.0 Update to the SDS	27.05.2025
2.	Rev. 2.0 Update to the SDS	03.03.2026

Abbreviations and Acronyms

Skin Irrit. 2: Skin irritation, hazard category 2
Eye Dam. 1: Serious eye damage, hazard category 1
STOT SE 3: Specific target organ toxicity (single exposure), hazard category 3
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
AwSV: Ordinance on Facilities for Handling Water-Polluting Substances
AVV: Waste List Ordinance
CAS: Chemical Abstracts Service
CLP: Classification, Labelling and Packaging of substances and mixtures
DNEL: Derived No Effect Level
d: day(s)
EAKV: European List of Waste in accordance with the draft Waste List Regulation
EINECS: European Inventory of Existing Commercial chemical Substances ELINCS:
European List of Notified Chemical Substances
ECHA: European Chemicals Agency
EWC: European Waste Catalogue
IARC: INTERNATIONAL AGENCY FOR RESEARCH ON CANCER
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organization
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
GHS: Globally Harmonized System of Classification and Labelling of Chemicals GefStoffV: Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany)
h: hour
LOAEL: Lowest observed adverse effect level
LOAEC: Lowest observed adverse effect concentration
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
NOAEL: No observed adverse effect level
NOAEC: No observed adverse effect concentration
NLP: No-Longer Polymers
N/A: not applicable
OECD: Organisation for Economic Co-operation and Development PNEC:
predicted no effect concentration
PBT: Persistent bioaccumulative toxic
RID: Regulations Concerning the International Transport of Dangerous Goods by Rail
REACH: Registration, Evaluation, Authorisation of Chemicals
SVHC: substance of very high concern
TRGS: Technical Regulations for Hazardous Substances
UN: United Nations
VOC: Volatile Organic Compounds
VwVwS: Administrative Regulation on Water-Polluting Substances
WGK: Water Hazard Class

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Classification of mixtures and assessment method used in accordance with Regulation (EC) No. 1272/2008 (CLP)

Classification	Classification process
Eye Dam. 1; H318	Calculation method

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

H315	Causes skin irritation.
H318	Causes serious eye damage.
H335	May irritate the respiratory tract.
EUH018	May form explosive or flammable vapor-air mixtures when used.

Additional information

Safety Data Sheet (SDS), EU

The information in this Safety Data Sheet is based on our current knowledge and experience at the time of preparation. It is intended to describe the product in terms of health, safety, and environmental requirements and to provide guidance on its safe handling during storage, processing, transport, and disposal.

This information does not constitute a representation of specific properties or a warranty in the legal sense. This does not establish a contractually agreed quality of the product. This safety data sheet refers exclusively to the product described herein. In the event of mixing, blending, processing, or other treatment with other materials, the information cannot be readily applied to the resulting product, unless expressly stated otherwise.