



## **SAFETY DATA SHEET** **BentoShield Bentopaste**

Commission Regulation (EU) 2020/878 of 18 June 2020.  
According to Regulation (EC) No 1907/2006, Annex II, as amended.  
According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended.

### **SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

#### **1.1. Product identifier**

**Product name**                      **BentoShield Bentopaste**

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

**Identified uses**                      Not available

#### **1.3. Details of the supplier of the safety data sheet**

**Supplier**                                      **Geomas Geokompozit San.ve Tic. A.S**  
Cumhuriyet mah. Fatih cad. No:6  
Kartal Istanbul,Turkey  
Tel: 0216 4514848  
Fax: +90 (216) 309 74 75  
[info@geomas.com.tr](mailto:info@geomas.com.tr)  
**Contact Person**                      Zuhale Nart

#### **1.4. Emergency telephone number**

Geomas Geokompozit: 0216 4514848

### **SECTION 2: HAZARDS IDENTIFICATION**

#### **2.1. Classification of the substance or mixture**

**Classification (EC 1272/2008 and SI 2019 No. 720)**                      Not classified.

#### **2.2. Label elements**

**Label In Accordance With (EC) No. 1272/2008 and SI 2019 No. 720)**

No labelling required. Not classified.

**Hazard Statements**

Not classified.

**Precautionary Statements**

Not classified.

#### **2.3. Other hazards**

This product does not contain any PBT or vPvB substances.

### **SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

#### **3.1. Substances**

This product does not contain any substance which may be considered hazardous to the health and environment, according to the current legislation (Regulation (EC) No. 1272/2008).



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#### **SECTION 4: FIRST AID MEASURES**

##### **4.1. Description of first aid measures**

###### **Inhalation**

Get medical attention if any discomfort continues.

###### **Ingestion**

Get medical attention if any discomfort continues.

###### **Skin contact**

Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

###### **Eye contact**

Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention if any discomfort continues.

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

May cause eyes irritation.

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

Treat Symptomatically.

#### **SECTION 5: FIREFIGHTING MEASURES**

##### **5.1. Extinguishing media**

###### **Extinguishing media**

This product is not flammable and explosive. Use extinguishing media appropriate to surrounding conditions.

##### **5.2. Special hazards arising from the substance or mixture**

###### **Specific hazards**

No hazardous releases in case of fire are expected.

##### **5.3. Advice for firefighters**

###### **Special Fire Fighting Procedures**

Move product from fire area if it can be done without risk. If possible, fight fire from protected position.

###### **Protective equipment for fire-fighters**

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

#### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

##### **6.1. Personal precautions, protective equipment and emergency procedures**

Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact eyes.

##### **6.2. Environmental precautions**

This product is mainly based on natural clay which is used to protect the environment, so no special precautions are required.

##### **6.3. Methods and material for containment and cleaning up**

**Large Spillages:** Remove spillage with vacuum cleaner. If not possible, collect spillage with shovel, broom or the like.

**Small Spillages:** Remove small spills with vacuum cleaner.

##### **6.4. Reference to other sections**

For personal protection, see section 8.

See section 11 for additional information on health hazards.

For waste disposal, see section 13.



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### **SECTION 7: HANDLING AND STORAGE**

#### **7.1. Precautions for safe handling**

No special precautions.  
Technical Measures: No special precautions.

#### **7.2. Conditions for safe storage, including any incompatibilities**

Keep away from wet.

#### **7.3. Specific end use(s)**

The identified uses for this product are detailed in Section 1.2.

### **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

#### **8.1. Control parameters**

No exposure limits known for ingredient(s).

#### **8.2. Exposure controls**

##### **Protective equipment**



##### **Respiratory equipment**

Not applicable.

##### **Hand protection**

For prolonged or repeated skin contact use suitable protective gloves.

##### **Eye protection**

Wear dust resistant safety goggles where there is danger of eye contact.

##### **Hygiene measures**

Wash hands and other exposed areas with soap and water before eating and drinking. Keep the working area as tidy as possible.

##### **Skin protection**

Wear apron or protective clothing in case of splashes.

### **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

#### **9.1. Information on basic physical and chemical properties**

<b>Appearance</b>	No data available
<b>Colour</b>	No data available.
<b>Odour</b>	Odorless
<b>Solubility</b>	Insoluble in water. Insoluble in fats
<b>Initial boiling point and range</b>	Not applicable.
<b>Melting point</b>	Not applicable.
<b>Flammability (solid, gas)</b>	Non-flammable
<b>pH-Value (10% in water)</b>	9.5 ±0.5
<b>Flash Point</b>	Not applicable.
<b>Vapour pressure</b>	Not applicable.



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<b>Viscosity</b>	Not applicable.
<b>Vapor Density</b>	No data available.
<b>Auto-ignition temperature</b>	No data available.
<b>Density</b>	No data available.
<b>Partition Coefficient (n-Octanol/Water)</b>	Not applicable.
<b>Vapour density</b>	Not applicable.
<b>Evaporation rate</b>	Not applicable.
<b>Decomposition Temperature</b>	No data available.
<b>Explosive Properties</b>	Not explosive.
<b>Oxidizing Properties</b>	Not oxidizing.
<b>Particle characteristic</b>	No data available.

### **9.2. Other information**

No data available.

## **SECTION 10: STABILITY AND REACTIVITY**

### **10.1. Reactivity**

No specific reactivity hazards associated with this product.

### **10.2. Chemical stability**

Stable under normal temperature conditions and recommended use.

### **10.3. Possibility of hazardous reactions**

None expected.

### **10.4. Conditions to avoid**

Keep away from wet.

### **10.5. Incompatible materials**

None known.

### **10.6. Hazardous decomposition products**

No hazardous decomposition or by-products are expected.

## **SECTION 11: TOXICOLOGICAL INFORMATION**

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

#### **Acute Toxicity - product**

Based on available data the classification criteria are not met.

#### **Serious eye damage/irritation**

Based on available data the classification criteria are not met.

#### **Skin corrosion/irritation**

Based on available data the classification criteria are not met.

#### **Skin sensitisation**

Based on available data the classification criteria are not met.

#### **Respiratory sensitisation**

Based on available data the classification criteria are not met.



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#### **Germ cell mutagenicity**

##### **Genotoxicity - In Vitro/ In Vivo**

Based on available data the classification criteria are not met.

#### **Carcinogenicity**

Based on available data the classification criteria are not met.

#### **Reproductive Toxicity – (Fertility/ Development)**

Based on available data the classification criteria are not met.

#### **Specific target organ toxicity - single exposure**

Based on available data the classification criteria are not met.

#### **Specific target organ toxicity - repeated exposure**

Based on available data the classification criteria are not met.

#### **Aspiration hazard**

Based on available data the classification criteria are not met.

#### **11.2. Information on other hazards**

The product does not contain endocrine disrupting substances.

### **SECTION 12: ECOLOGICAL INFORMATION**

#### **12.1. Toxicity**

##### **Ecotoxicity**

The product is not classified as environmentally hazardous.

#### **12.2. Persistence and degradability**

There is no information about its biodegradability.

#### **12.3. Bioaccumulative potential**

The product has no bioaccumulation potential.

#### **12.4. Mobility in soil**

Insoluble in water.

#### **12.5. Results of PBT and vPvB assessment**

No data available.

#### **12.6. Endocrine disrupting properties**

The product does not contain endocrine disrupting substances.

#### **12.7. Other adverse effects**

No data available.

### **SECTION 13: DISPOSAL CONSIDERATIONS**

#### **13.1. Waste treatment methods**

Dispose of in a safe manner in accordance with local/national regulations.

### **SECTION 14: TRANSPORT INFORMATION**

#### **General**

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

#### **14.1. UN number or ID number**

Not applicable.



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### **14.2. UN proper shipping name**

Not applicable.

### **14.3. Transport hazard class(es)**

#### **Transport Labels**

No transport warning sign required.

### **14.4. Packing group**

Not applicable.

### **14.5. Environmental hazards**

#### **Environmentally Hazardous Substance/Marine Pollutant**

No.

### **14.6. Special precautions for user**

Not applicable.

### **14.7. Maritime transport in bulk according to IMO instruments**

Not applicable.

## **SECTION 15: REGULATORY INFORMATION**

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

- Commission Regulation (EU) 2020/878 of 18 June 2020.
- Health and Safety at Work etc. Act 1974 (as amended).
- Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
- Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

#### **Restrictions (Annex XVII Regulation 1907/2006)**

There are no known restrictions on the use of this product.

#### **Seveso Directive - Control of major accident hazards**

Not relevant.

### **15.2. Chemical Safety Assessment**

No chemical safety assessment has been carried out.

## **SECTION 16: OTHER INFORMATION**

### **Abbreviations and acronyms used in the safety data sheet**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.

RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.

IATA: International Air Transport Association.

ICAO-TI: Technical Instructions for the Safe Transport of Dangerous Goods by Air.

IMDG: International Maritime Dangerous Goods.

CAS: Chemical Abstracts Service.

ATE: Acute Toxicity Estimate.

LC<sub>50</sub>: Lethal Concentration to 50 % of a test population.

LD<sub>50</sub>: Lethal Dose to 50% of a test population (Median Lethal Dose).

EC<sub>50</sub>: 50% of maximal Effective Concentration.



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PBT: Persistent, Bioaccumulative and Toxic substance.

vPvB: Very Persistent and Very Bioaccumulative.

**Information Sources** This SDS is prepared based on the information received from the product owner. ECHA – [www.echa.europa.eu](http://www.echa.europa.eu)

### **Revision Comments**

This SDS has been updated in accordance with current regulations.

### **Issued By**

Büşra Tarakcı / **CRAD**  
[www.crad.com.tr](http://www.crad.com.tr)

### **Issued Note**

Tel: +90 216 335 4600  
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