



SAFETY DATA SHEET **DURAGEL**

According to Regulation (EU) No 2015/830

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

1.1. Product identifier

Product name DURAGEL

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

Chemical Characterization 100% natural mineral, raw material, montmorillonite. Naturally occurring hydrated aluminosilicate of sodium, calcium, magnesium, and iron.

CAS # 1302 -78-9

Identified uses Construction sector : Overlaps of GCL, drilling, cut off wall, trenches

1.3. Details of the supplier of the safety data sheet

Manufacturer **Voltite DuraGel**
Cumhuriyet mah. Fatih cad. No:6 Kartal
Istanbul, Turkey
Tel: 0216 4514848
Fax: +90 (216) 309 74 75
info@geomas.com.tr

Contact Person Zuhall 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) Not classified.

2.2. Label elements

Label In Accordance With (EC) No. 1272/2008
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. Observe the general safety regulations when handling the package onsite.

For personal protection see section 8.

Technical Measures: No special requirements

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

Not Applicable.

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

Appearance	Solid
Colour	Brown.
Odour	Odorless
Solubility	Insoluble in water. Insoluble in fats
Boiling Point	Not applicable
Melting point	Not applicable.
Flammability	Non-flammable
pH-Value (10% in water)	9.5 ±0.5
Flash Point	Not applicable.
Vapour pressure	Not applicable
Viscosity	Not applicable.



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Partition Coefficient (N-Octanol/Water)	Not applicable.
Vapour density	Not applicable
Evaporation rate	Not applicable.
Explosive Properties	None.
Oxidizing Properties	None

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 toxicological effects

Acute toxicity

Not applicable.

Inhalation

Not applicable.

Ingestion

Not applicable.

Skin contact

Adverse effects are not expected.

Eye contact

May cause irritation.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecotoxicity

The product is not classified as environmentally hazardous.

12.2. Persistence and degradability

No data available.



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12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

Insoluble in water.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. 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

Not applicable.

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

Not applicable.

SECTION 15: REGULATORY INFORMATION

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

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I. 2009 No. 716).

Approved Code Of Practice

Classification and Labelling of Substances and Preparations Dangerous for Supply.
Safety Data Sheets for Substances and Preparations.

Guidance Notes

Workplace Exposure Limits EH40.
CHIP for everyone HSG(108).



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EU Legislation

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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Information Sources

This SDS is prepared based on the information received from the product owner.

Revision Comments

This is first issue.

Issued By

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