

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product name: GEOCEL 201
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2. HAZARDS IDENTIFICATION

Main hazards: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

3. COMPOSITION / INFORMATION ON INGREDIENTS

- Hazardous ingredients:** CALCIUM PEROXIDE 1-10%
CAS: 1305-79-9
[O] R8; [Xi] R36/37/38
- BARIUM OXIDE 1-10%
CAS: 1304-28-5
[O] R8; [-] R14; [Xn] R21/22; [Xi] R36/38; [Xi] R41
 - BISPHENOL A - (EPICHLOROHYDRIN) REACTION PRODUCT <1%
CAS: 25068-38-6
[Xi] R36/38; [Sens.] R43; [N] R51/53
 - LIQUID POLYSULPHIDE POLYMER WITH THIOL END GROUPS (MW > 1800) 10-30%
CAS: 68611-50-7
[-] R52/53

4. FIRST AID MEASURES (SYMPTOMS)

- Skin contact:** There may be mild irritation at the site of contact.
Eye contact: There may be irritation and redness.
Ingestion: There may be irritation of the throat.
Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

4. FIRST AID MEASURES (ACTION)

- Skin contact:** Wash immediately with plenty of soap and water.
Eye contact: Bathe the eye with running water for 15 minutes.
Ingestion: Wash out mouth with water. Consult a doctor.
Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used.

Exposure hazards: In combustion emits toxic fumes. In combustion emits toxic fumes of sulphur oxides. In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Refer to section 8 of SDS for personal protection details.

Environmental precautions: Do not discharge into drains or rivers.

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

7. HANDLING AND STORAGE

Handling requirements: Ensure there is sufficient ventilation of the area.

Storage conditions: Store in cool, well ventilated area. Keep away from direct sunlight.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Paste

Colour: Various

Solubility in water: Insoluble

Viscosity: Viscous

Relative density: 1.72

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Heat.

Materials to avoid: Strong oxidising agents. Strong acids.

Haz. decomp. products: In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

Routes of exposure: Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

12. ECOLOGICAL INFORMATION

Persistence and degradability: No data available.

Bioaccumulative potential: No data available.

13. DISPOSAL CONSIDERATIONS

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION

ADR / RID

UN no: Not Classified.

IMDG / IMO

UN no: Not Classified.

IATA / ICAO

UN no: Not Classified.

15. REGULATORY INFORMATION

Hazard symbols: Symbol not required.

Risk phrases: R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Precautionary phrases: Contains bisphenol a - (epichlorohydrin) reaction product. May produce an allergic reaction.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. OTHER INFORMATION

Risk phrases used in s.3: R8: Contact with combustible material may cause fire.
R36/37/38: Irritating to eyes, respiratory system and skin.
R14: Reacts violently with water.
R21/22: Harmful in contact with skin and if swallowed.
R36/38: Irritating to eyes and skin.
R41: Risk of serious damage to eyes.
R43: May cause sensitisation by skin contact.
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Legal disclaimer: This product safety data sheet was prepared in compliance with Art.31 and Annex II of

SAFETY DATA SHEET

GEOCEL 201

Regulation (EC) No 1907/2006 (REACH) as well as their relevant amendments, on the approximation of laws, regulations and administrative provisions relative to the classification, packaging and labelling of dangerous substances and preparations.

It is the responsibility of persons in receipt of this Product Safety Data Sheet to ensure that the information contained herein is properly read and understood by all people who may use, handle, dispose or in any way come in contact with the product. If the recipient subsequently produces a formulation containing the Geocel product, it is the recipient's sole responsibility to ensure the transfer of all relevant information from the Geocel Product Safety Data Sheet to their own Product Safety Data Sheet in compliance with Regulation (EC) No 1907/2006.

All information and instructions provided in this Safety Data Sheet (SDS) are based on the current state of scientific and technical knowledge at the date indicated on the present SDS. Geocel shall not be held responsible for any defect in the product covered by this SDS, should the existence of such defect not be detectable considering the current state of scientific and technical knowledge.

As stated above, this Safety Data Sheet has been prepared in compliance with applicable European law. If you purchase this material outside Europe, where compliance laws may differ, you should receive from your local Geocel supplier a SDS applicable to the country in which the product is sold and intended to be used. Please note that the appearance and content of the SDS may vary - even for the same product - between different countries, reflecting the different compliance requirements. Should you have any question, please refer to your local Geocel supplier.