

SAFETY DATA SHEET
GEOCEL JOINERS MATE LIQUID

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Issued: 29/09/2010

Revision No: 4

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

Product name: GEOCEL JOINERS MATE LIQUID

Company name: Geocel Limited

Western Wood Way

Langage Science Park

Plympton

Plymouth

PL7 5BG

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2. HAZARDS IDENTIFICATION

Classification under CHIP: Irritating to eyes, respiratory system and skin. May cause sensitisation by inhalation and skin contact. Limited evidence of a carcinogenic effect. Harmful: danger of serious damage to health by prolonged exposure through inhalation.

Workplace exposure limit: This product does not have a workplace exposure limit.

PBT: This substance is not identified as a PBT substance.

Directive 1999/45/EC: This mixture meets the criteria for classification as dangerous in accordance with Directive 1999/45/EC.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: DIPHENYLMETHANE DIISOCYANATE (ISOMERS AND HOMOLOGUES) 10-30%
CAS: 9016-87-9
[Xn] R20; [Xi] R36/37/38; [Sens.] R42

4. FIRST AID MEASURES

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin.
Remove from skin with paper or towel. Wash immediately with plenty of soap and water.
Seek medical advice if symptoms persist.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor. Transfer to hospital for specialist examination.

Ingestion: Do not induce vomiting. Wash out mouth with water. If conscious, give half a litre of water to drink immediately. Consult a doctor. Transfer to hospital as soon as possible.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Carbon dioxide. Alcohol or polymer foam. Dry chemical powder.

[cont...]

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Exposure hazards: In combustion emits toxic fumes.

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. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid. Mark out the contaminated area with signs and prevent access to unauthorised personnel.

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Neutralise with water containing 1% wetting agent to avoid build up of pressure due to evolution of carbon dioxide, do not seal containers until fully reacted.

7. HANDLING AND STORAGE

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous ingredients: DIPHENYLMETHANE DIISOCYANATE (ISOMERS AND HOMOLOGUES)

UK - 8 hour TWA: 0.02 mg/m³

UK - 15 min. STEL: 0.07 mg/m³

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.
Gas/vapour filter, type A: organic vapours (EN141).

Hand protection: Protective gloves. Nitrile gloves.

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

Skin protection: Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Dark brown

Odour: Characteristic odour

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Reacts with water.

Relative density: 1.12

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Heat. Moist air.

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Materials to avoid: Water. Strong acids. Strong bases.

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

11. TOXICOLOGICAL INFORMATION

Acute effects: Irritating to eyes, respiratory system and skin. Danger of serious damage to health by prolonged exposure through inhalation.

Sensitisation: May cause sensitisation by inhalation and skin contact.

Repeated dose toxicity: Danger of serious damage to health by prolonged exposure through inhalation.

CMR effects: Limited evidence of a carcinogenic effect.

11. TOXICOLOGICAL INFORMATION (SYMPTOMS)

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: Nausea and stomach pain may occur. There may be vomiting.

Inhalation: Exposure may cause coughing or wheezing. Onset of symptoms may be delayed.

12. ECOLOGICAL INFORMATION

Persistence and degradability: Biodegradable in part only.

Bioaccumulative potential: No data available.

PBT identification: This substance is not identified as a PBT substance.

13. DISPOSAL CONSIDERATIONS

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

Disposal of packaging: 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 (CHIP)

Hazard symbols: Harmful.



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Risk phrases: R36/37/38: Irritating to eyes, respiratory system and skin.
 R42/43: May cause sensitisation by inhalation and skin contact.
 R40: Limited evidence of a carcinogenic effect.
 R48/20: Harmful: danger of serious damage to health by prolonged exposure through inhalation.

Safety phrases: S2: Keep out of the reach of children.
 S46: If swallowed, seek medical advice immediately and show this container or label.
 S23: Do not breathe vapour.
 S24: Avoid contact with skin.
 S38: In case of insufficient ventilation, wear suitable respiratory equipment.
 S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 S36/37/39: Wear suitable protective clothing, gloves and eye / face protection.
 S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
 S63: In case of accident by inhalation, remove casualty to fresh air and keep at rest.
 S29/35: Do not empty into drains; dispose of this material and its container in a safe way.

Precautionary phrases: Contains isocyanates. See information supplied by the manufacturer.

Haz. ingredients (label): DIPHENYLMETHANE DIISOCYANATE (ISOMERS AND HOMOLOGUES)

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: R20: Harmful by inhalation.
 R36/37/38: Irritating to eyes, respiratory system and skin.
 R42: May cause sensitisation by inhalation.

Legal disclaimer: This product safety data sheet was prepared in compliance with Regulation (EC) No 1907/2006 (REACH) as well as the 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

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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.