SAFETY DATA SHEET

MARCONITE PREMIX

Issued: 02/11/2010

Revision No: 2

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

Product name: MARCONITE PREMIX

Product code: MPM

Company name: Carbon International Ltd
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2. HAZARDS IDENTIFICATION

Main hazards: Risk of serious damage to eyes. May cause sensitisation by inhalation and skin contact.

Other hazards: Combustible. Exposure Limits (Dust) : 10 mg/m3 total dust, 4 mg/m3 respirable dust

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: MARCONITE 70-90%

- CEMENT 10-30%

CAS: 65997-5-1

[Sens.] R42/43; [Xi] R41

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: It is unlikely that this substance will be swallowed due to its physical properties.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

4. FIRST AID MEASURES (ACTION)

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

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

5. FIRE-FIGHTING MEASURES

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

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

Protection of fire-fighters: Wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Refer to section 8 of SDS for personal protection details. Do not create dust.

Environmental precautions: Do not discharge into drains or rivers.

[cont...]

Clean-up procedures: Transfer to a suitable container. Refer to section 13 of SDS for suitable method of disposal.

7. HANDLING AND STORAGE

Handling requirements: Ensure there is sufficient ventilation of the area. Avoid the formation or spread of dust in the air.

Storage conditions: Store in cool, well ventilated area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Workplace exposure limits

WEL (8 hr TWA): 4mg.m3 Res Dust

WEL (15 min STEL): 4mg.m3 Res Dust

Hazardous ingredients: MARCONITE

WEL (8 hr TWA): 4mg.m3 Res Dust WEL (15 min STEL): 4mg.m3 Res Dust

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

Respiratory protection: Respiratory protective device with particle filter.

Hand protection: Protective gloves.

Eye protection: Safety glasses with side-shields.

Skin protection: Protective clothing with elasticated cuffs and closed neck.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Granules

Colour: Dark grey

Odour: Odourless

Solubility in water: Insoluble

Viscosity: Non-viscous

Relative density: 890-990 kg/m3

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Sources of ignition.

Materials to avoid: Strong oxidising agents.

Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

11. TOXICOLOGICAL INFORMATION

Chronic toxicity: Danger of cumulative effects through inhalation.

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

12. ECOLOGICAL INFORMATION

Mobility: Non-volatile. Insoluble in water. Heavier than water.

Persistence and degradability: No data available.

Bioaccumulative potential: No data available.

Other adverse effects: Negligible ecotoxicity.

[cont...]

13. DISPOSAL CONSIDERATIONS

Disposal operations: D1 Tipping above or underground (e.g. landfill, etc.).

R4 Recycling/reclamation of other inorganic materials.

Disposal of packaging: Dispose of as normal industrial waste.

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

14. TRANSPORT INFORMATION

ADR / RID

IMDG / IMO

IATA / ICAO

15. REGULATORY INFORMATION

Hazard symbols: Harmful.

Risk phrases: R41: Risk of serious damage to eyes.

R42/43: May cause sensitisation by inhalation and skin contact.

Safety phrases: S22: Do not breathe dust.

S24: Avoid contact with skin.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S37/39: Wear suitable 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.

Haz. ingredients (label): CEMENT

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.

[cont...]

16. OTHER INFORMATION

Other information: This safety data sheet is prepared in accordance with Regulation (EC) No 1907/2006.

Risk phrases used in s.3: R42/43: May cause sensitisation by inhalation and skin contact.

R41: Risk of serious damage to eyes.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.