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Material Safety Data Sheet Seaflex™ 100, 200 & 300

Valid from: 29.03.09

1. Identification of the substance and of the company

Substance: Natural Seaflex 100™, Seaflex 200™ & Seaflex 300™

Company: North Sea Plastics Ltd
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2. Composition / Information on ingredients

Chemical characterization: Polyolefin based elastomer.

3. Hazards identification

Most important hazards: None.
Specific hazards: None.

4. First aid measures

In case of inhalation: Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion. Consult a physician after significant exposure.

In case of skin contact: Cool skin rapidly with cold water after contact with hot polymer. Do not peel polymer from the skin. Obtain medical attention.

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

5. Fire – fighting measures

Suitable extinguishing substances: Water, foam, dry powder, carbon dioxide.

Special protective equipment for fire-fighters: In the event of fire, wear a self-contained breathing apparatus and a full protective flameproof clothing.

6. Accidental release measures

Personal precautions: Avoid dust formation.

Environmental precautions: None.

Methods for cleaning up: Sweep-up to prevent a slipping hazard.

7. Handling and storage

Precautions: The solid polymer can be combusted only with difficulty. Keep containers tightly closed in a dry, cool and well-ventilated place. Provide appropriate exhaust ventilation at machinery. Provide appropriate exhaust ventilation at places where dust is formed.

Safe handling advice: Keep away from open flames, hot surfaces and sources of ignition.

Technical measures: None.

Storage conditions: None.

Incompatible products: None.

Packaging material: None.

8. Exposure controls / personal protection

Personal protective equipment

Respiratory protection: Respirator must be worn if exposed to dust.

Eye protection: Tightly fitting safety goggles.

Hand protection: Not required.

Skin and body protection: Dust impervious protective suit.

Hygiene measures: Wash hands before breaks and at the end of workday. General precaution for all plastics and elastomers: Do not breathe fumes evolved from hot polymer.

Control parameters:

National occupational exposure limits

Respirable dust: TLV-TWA = 3 mg/m³; ACGIH (1999).

9. Physical and chemical properties

Appearance

Form: Pellets.

Colour: Off-white.

Odour: Odourless.

Physical and chemical properties cont:-

Change in physical state

Melting point/range:	50-110 °C.
pH:	Not applicable.
Decomposition temperature:	Approximately >300 °C.
Flash point:	>400 °C.
Autoignition temperature:	>450 °C.
Explosive properties:	Not applicable.
Relative density (°C):	From g/cm ³ .
Solubility:	Insoluble in water.

10. Stability and reactivity

Conditions to avoid:	Temperature above 300 °C.
Hazardous decomposition products:	Hydrocarbons.
Thermal decomposition:	> 390°C
Dangerous reactions:	No dangerous reaction known.

11. Toxicological information

Acute toxicity:	No data available.
Local effects:	No data available.

12. Ecological information

No data available.

13. Disposal instructions

Waste from residues / unused products:	Where possible recycling is referred to disposal or incineration.
Contaminated packaging:	Empty containers can be land filled after cleaning, when in compliance with local regulations.

14. Transportation data

Non dangerous goods according to the transport regulations.

15. Regulations

Labelling in accordance with EC-Dir. 67/548 as amended:	hazard warning labelling not required.
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16. Other information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality

Other information cont:-

specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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