Material Safety Data Sheet
Northene Natural Low Density Polyethylene

1. Identification of the substance and of the company.

Substance: Low density polyethylene
Company: North Sea Plastics Ltd
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          Kirkintilloch
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2. Composition / Information on ingredients

Chemical characterization: Polyethylene, eventually Olefins - Copolymerisate, Stabiliser, Additives
Dangerous substances: ---

3. Hazards identification

No particular hazards known

4. First aid measures

General hints: ---
In case of inhalation: ---
In case of contact with skin: After contact with molten product cool quickly with cold water.
Do not pull solidified product from skin.
Take for medical treatment

5. Fire – fighting measures

Suitable extinguishing substances: Water, foam, dry powder, carbon dioxide
Unsuitable extinguishing substances: ---
In case of fire, the following hazardous products can be produced:
CO, CO2
Special protective equipment: ---
6. Accidental release measures
None

7. Handling and storage
Product includes combustible polymer. Take precautionary measures against fire and explosion.

8. Exposure controls / personal protection
Personal protective equipment:
General protection/ hygiene measures:
Avoid contact of molten material with skin
CAS-no.: 9002-88-4

9. Physical and chemical properties
Appearance
Form: firm
Colour: natural or coloured
Odour: odourless
Change in physical state
Crystalline melting point: approx. 105 °C (DSC)
Ignition temperature: > 360°C
Density (23°C): 0.915 - 0.935 g/cm³ (ISO 1183)
Solubility: Insoluble in water

10. Stability and reactivity
Thermal decomposition: > 390°C
Dangerous reactions: No dangerous reaction known
Dangerous decomposition products: ---

11. Toxicological information
According to experience, the product is considered to be harmless to health if handled in the correct manner

12. Ecological information
Product is insoluble in water
Harmful effects to fish and bacteria: not harmful

13. Disposal instructions
Product:
In accordance with the necessary technical regulations may be dumped or incinerated with household waste, after consultation with site operator and with the responsible authority
Waste code no. for unused product: 120105
Name of waste: polyolefin wastes

14. Transportation data
Non dangerous goods according to the transport regulations

15. Regulations
Labelling in accordance with GefStoffV / EC:
hazard warning labelling not compulsory
National Hazard Class (Germany): 0 (self classification)

16. Other information
This information is based on our present state of knowledge. It should not therefore be construed as guaranteeing specific properties of the product described or their suitability for a particular application.