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## Material Safety Data Sheet Northerne 500 and Northerne 1000

Valid from: 20.06.2012

### 1. Identification of the substance and of the company.

Substance: Northerne 500 and Northerne 1000

Company: North Sea Plastics Ltd  
Unit 2, 5 Campsie Road  
Kirkintilloch  
G66 1SL, United Kingdom  
Phone.: +44 141 776 7900  
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info@northseaplastics.com  
[www.northseaplastics.com](http://www.northseaplastics.com)

### 2. Composition / Information on ingredients.

Chemical characterization: High/Ultra High Molecular Weight Polyethylene  
Dangerous substances: N/A

### 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 can be produced: CO, CO<sub>2</sub>  
Special protective equipment: Use a self-contained breathing apparatus

## 6. Accidental release measures

None.

## 7. Handling and storage

No special procedures.

## 8. Exposure controls / personal protection

Personal protective equipment: ---  
If no extraction system exists, a breathing mask should be used during machining.  
General protection/ hygiene measures: Avoid contact of molten material with skin

## 9. Physical and chemical properties

### Appearance

Form: firm  
Colour: natural or coloured  
Odour: odourless

### Change in physical state

Crystalline melting point: 135 - 138 °C  
Ignition temperature: > 300 °C  
Density (23°C): 0,92 – 0,98 g/cm<sup>3</sup> (ISO 1183)  
Solubility: Insoluble in water

## 10. Stability and reactivity

Thermal decomposition: > 300°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

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

#### **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.