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Material Safety Data Sheet Natural and Coloured Homopolymer Polypropylene

Valid from: 20.06.1995

1. Identification of the substance and of the company.

Substance: natural or coloured homopolymer polypropylene

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

Chemical characterization: Polypropylene - Homopolymerisate, Stabiliser, Additives

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, 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.: 9003-07-0

9. Physical and chemical properties

Appearance

Form: firm
Colour: natural or coloured
Odour: odourless

Change in physical state

Crystalline melting point: Approx. 165 °C (DSC)
Ignition temperature: > 300 °C
Density (23°C): 0,90 – 0,93 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

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.

Controlled Document
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