

Safety Data Sheet pursuant to 91/155/EEC

Date of Issue: 2001-05-28 Revised on: 2009-01-16

1. Identification of the substance/preparation and of the company/undertaking

Polyethylene as coating material for Polystal-glassfibre reinforced elements

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2. Composition/Information on ingredients

2.1. Chemical characterization: Polyethylene

3. Hazards identification

No hazards to health or environment when used as directed.

4. First-aid measures

No special measures required

5. Fire-fighting measures

5.1. After spillage/leakage/accidental gas release:

5.2. Suitable extinguishers: Water jet, dry chemical powder, CO₂, foam, dry chemical extinguishing agent

5.3. Particular hazard due to combustion products or resulting gases: Toxic gases may occur upon fire, in particular in case of oxygen supply: carbon dioxide and water vapor
In cases of oxygen deficiency: carbon monoxide, carbon black, crack products, aldehydes, ketones, hydrocarbons, volatile fatty acids

6. Accidental release measures

Not applicable

7. Handling and storage

- | | | |
|------|--------------------------------|---|
| 7.1. | Technical safety measures: | Ensure efficient dust extraction when mechanical work is being done |
| 7.2. | Personal safety equipment: | Not required |
| 7.3. | Industrial hygiene: | Wash hands before breaks and after work |
| 7.4. | Fire and explosion protection: | No special measurements required |

8. Exposure controls/personal protection

No special measures or safety equipment required

9. Physical and chemical properties

- | | | | |
|-------|-----------------------------------|----------|--|
| 9.1. | Change of state: | HD
LD | Melting point approx. 120 - 150 °C
Melting point approx. 110 °C |
| 9.2. | Density: | HD
LD | 0,963 g/cm ³
0,915 g/cm ³ |
| 9.3. | Vapor pressure: | | Not vaporizable (at 20 °C) |
| 9.4. | Viscosity: | | not applicable |
| 9.5. | Water solubility: | : | not water soluble (at 20 °C) |
| 9.6. | pH: | | not applicable |
| 9.7. | Flashpoint: | | not applicable |
| 9.8. | Ignition temperature: | | > 300 °C
Auto-ignition > 350 °C |
| 9.9. | Explosion limits: | | not applicable |
| 9.10. | Thermal degradation: | | > 300 °C |
| 9.11. | Hazardous decomposition products: | | none when stored and handled properly |
| 9.12. | Hazardous reactions: | | none when used as directed |
| 9.13. | Other information: | | none |

10. Stability and reactivity

No hazardous reactions are expected to occur when used as directed.

11. Toxicological information

Coated polystal can be handled without any hazards to health when used as directed and when standard industrial hygiene is observed.

12. Ecological information

There are no ecological hazards to be expected when handled as directed.

13. Disposal considerations

Can be disposed of appropriately in accordance with official local regulations.

14. Transport information

GG VSee/IMDG-Code:	-
GG VE/GGVS:	-
UN-No.:	-
RID/ADR:	-
ICAO/IATA-DGR:	-
ADNR:	-

15. Regulatory information

16. Other information