

Polyethylene FR4897

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

Trade name: FR4897
Material use: Raw material for plastics industry
Supplier: E-mail address: product.safety@borealisgroup.com

2. Hazards identification

Classification of the substance or mixture

Label elements

Other hazards

3. Composition/information on ingredients

The product is a polyethylene polymer.

Contains no substance classified as hazardous in concentrations, which should be taken into account according to EU regulations.

4. First aid measures

If inhaled:

In case of skin contact:

Most important symptoms and effects, both acute and delayed:

5. Firefighting measures

Suitable extinguishing media: Water in spread jet, dry chemicals, foam or carbon dioxide.

Specific hazards during firefighting: Principal toxicant in the smoke is carbon monoxide.

6. Accidental release measures

Vacuum or sweep up spill. All spill of material must be removed immediately to prevent slipping accidents. Prevent product from entering environment and drains.

7. Handling and storage

Advice on safe handling: Avoid inhalation of dust and decomposition fumes. Provide adequate ventilation. Local exhaust ventilation or additional personal protective equipment (PPE) may be necessary.

Advice on protection against fire and explosion: Dust from the product represents a risk for dust explosions when dispersed with air in a sufficient concentration and with the presence of an ignition source. All equipment shall be grounded. Routine housekeeping will also contribute in preventing risks of dust explosions.

Storage: Safety aspects do not require any special precautions in terms of storage.

8. Exposure controls/personal protection

Polyethylene FR4897

9. Physical and chemical properties

Appearance: pellets, white
Odour: odourless

Melting point/range: 110 - 140 °C
Density: 0,9 - 1,0 g/cm³

Ignition temperature: > 320 °C
Water solubility: insoluble in water

10. Stability and reactivity

11. Toxicological information

12. Ecological information

The product is not considered hazardous for the environment.

13. Disposal considerations

Reuse or recycle if not contaminated. The product may be safely used as fuel. Proper combustion does not require any special flue gas control. Check with local regulations.

14. Transport information

The product is not regulated by ADR/RID, IMDG or IATA.

15. Regulatory information

None known to apply.

16. Other information

Product does not require Safety Data Sheet in accordance with Article 31 of Regulation (EC) No 1907/2006, and its amendments.

Issuer: Borealis, Group Product Stewardship / Niina Kerttula

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