

Material Safety Data Sheet

Version: 003
Date of issue: 03-09-18
Revise date: 07-02-01



1. Identification of the substance/preparation and the company

Name of the substance/preparation: Polyethylene

Commercial product Name: PSC 2631 Crack Filler Additive

Indications about the producer/supplier:

Polymer Science Corporation
Unit 1133, 6027 – 79th Ave SE
Calgary, Alberta
Canada T2C 5P1

Telephone: +49 79 87/1 52-0
Telefax: +49 79 87/152 222
Information: +49 7967/152 126
In an emergency: +49 7967 152 200

2. Composition/Information on ingredients

Component	CAS-Number	mass share
Polyethylene	9002-88-4	100 %

3. Prospective risks

Product dust together with air may develop ignitable and explosive mixtures.

4. First aid measures

Inhalation: Fresh air.
Skin contact: Wash with water.
Eye contact: Flush with water.

5. Fire-fighting measures

Suitable extinguishing agents: water spray, foam, CO₂

6. Measures at unintentional liberation

Personal precautions: Respiratory protection, eye protection and hand protection.

Methods for cleaning up: Sweep the spill area, avoid raising dust.

7. Handling and storage

Advice on safe handling: Avoid raising dust; vacuum up dust sources, prevent static electric sparks.

Advice on fire and explosion prevention: Earth container to avoid electric sparks, especially in contact with flammable substances.
Product dust together with air may develop ignitable and explosive mixture.

Storage:*
Closed original containers max. 5 years*
Opened containers max. 6 months*

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8. Exposure limit and personal protective equipment

Engineering measures: See 7

Exposure Limits: Polyethylene; UK-OES, 8hr TWA; total inhalable dust 10 mg/m³; respirable dust 5 mg/m³.

Respiratory protection: When exceeding the Occupational Exposure Limit.

9. Physical and chemical properties

tested in accordance with

Form: powder
Colour: white
Smell: odourless

pH-value (at 100 g/l H₂O and 20 °C): 7

Flash point: approx. 200 °C

Dust explosion category: 1

Explosion limits: no data available

Further indications:
Solubility in water (20 °C): insoluble

10. Stability and reactivity

Product dust together with air may develop ignitable and explosive mixtures.

11. Information on toxicity

No details on toxicity known.
Nowadays we know that negative toxicological effects are not to be expected.

12. Information on ecological effects

Polyethylene is chemically and biologically inert.
By the insolubility in water there is a separation at every filtration and sedimentation process.

13. Indication about disposal

Disposal: Disposal according to national and local regulations.

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14. Information about transport

GGVSee/IMDG-Code: --
PG: --
GGVSE: KL. --
Warning sign: Hazard no.: --
ADNR: Class --

UN-NR: --
MPO: --
PG: -- RID/ADR: class -- PG: --
Substance no. --
PG: -- Cat. -- ICAO/IATA-DGR. --

Declaration for land shipment: --
Declaration for sea shipment: --
Declaration for shipment by air: --

Other information:
No hazardous cargo.

15. Regulations

Remarks: Is not a dangerous preparation according to EC directive 67/548/EEC (Classification, packaging and Labeling of dangerous substances) as last amended.

Water danger classification: not water hazardous according to VwVwS (dd 17. May 1999)

International inventory status: TSCA-registered.

16. Further information

* = data have been changed, compared to the previous version

The given particulars are based on our present knowledge and experiences. However, a legally binding guarantee of certain properties cannot be derived from our statements.