

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

1.1 Trade names: LAYFILAMENTS:
Laywoo-D3; Laybrick;
Porolay; Layfomm 40/60; Gellay; Layfelt;
Layceramic; Bendlay; Moldlay; smartABS; LAY-a-PVA; Reflect-o-Lay

1.2 Use of the product: 3D printing filament

1.3 Supplier: CC – PRODUCTS; Auenweg 173 / 10; 51063 Köln . Germany ;
kp@cc-products.de; Emergency phone number: +49-221-510 47 53

2. Hazards identification

2.1 Classification: Not dangerous according to Directive 67/548/EEC

2.2 Special advice on hazards: Danger of burns in contact with hot polymer. Hazardous vapours in case of burning.

3. Composition / information on ingredients

Chemical characteristics: Polymerblend on base of thermoplastics, fillers and softeners in different percentages.
Fillers are natural wood-particles or inert natural mineralic powders.

Additional information: no harmful ingredients

4. First-aid measures

On skin contact: In case of contact with molten polymer immediately cool the skin with cold water. Medical aid may be required to remove adhering material and for treatment of burns.

On ingestion: Rinse mouth with water.

On eyes contact: Rinse open eyes thoroughly with water.

5. Fire-fighting measures

5.1 Suitable fire extinguishing media water ,dry chemical extinguisher, foam, carbon dioxide

5.2 Special exposure hazards: During incomplete combustion release of carbon monoxide, tetrahydrofurane and decomposition products possible.

6. Accidental release measures

6.2 Methods for cleaning up: Sweep up material.

7. Handling and storage

7.1 Handling: Avoid contact with molten polymer.

7.2 Storage: Protect against moisture. Store dry.

8. Exposure controls/ personal protection

Personal safety equipment: Use adequate safety equipment, eye protection glasses, hand gloves.

Work hygiene: No eating or drinking during working. Avoid contact of hot material with skin.

9. Physical and chemical properties

Form:	wire
Colour:	white to yellow, or typically as wood, chalk, clay
Odour:	almost odourless
Solubility in water	partly soluble for products: Porolay; Layfomm 40/60; Gellay; Layfelt; LAY-PVA insoluble for: Laywoo-D3; Laybrick; Bendlay; Moldlay; Layceramic; smartABS; Reflect-o-Lay

10. Stability and reactivity

Stability:	The product is stable at recommended storage conditions. Avoid exposure to extreme heat. Thermal decomposition > 265°C. Store dry.
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11. Toxicological information

Local irritation:	Dust can cause irritation of eyes, respiratory organs and skin. After ingestion stomach pain or nausea are possible.
Other remarks:	Based on our state of knowledge and experience no injurious health effects are expected if product is properly handled for the designated use.

12. Ecological information

Ecotoxicological effects:	No negative ecological effects known at the present state of knowledge, test results are not available.
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13. Disposal considerations

Small amounts can be incinerated or dumped together with domestic waste (in compliance with local authority requirements).

14. Transport information

Transport regulations:	Not classified as hazardous under transport regulations ADR, ADNR, RID, ICAO/IATA, IMDG/GGVSee, ICAO/IATA
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15. Regulatory information

EU regulations:	This product does not require a hazard warning label in accordance with EC Directives.
Water exposure class (Germany):	no risk of water pollution (classification acc. Att. 1 of VwVwS)

16. Other information

contains no heavy metal