

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

- 1.1 Trade names:** LAYFILAMENTS:  
LAYaWay series: Hight-T-Lay
- 1.2 Use of the product:** 3D printing filament / temporarily support material
- 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 following thermoplastics;  
PVOH – PolyvinylAlcohol  
LDPE – low density PolyEthylen

**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**

<b>Form:</b>	mono filament
<b>Colour:</b>	white, minimal pink
<b>Odour:</b>	almost odourless
<b>Solubility in water</b>	partly soluble in cold water

**10. Stability and reactivity**

<b>Stability:</b>	The product is stable at recommended storage conditions. Avoid exposure to extreme heat. Thermal decomposition > 255°C. Store dry.
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**11. Toxicological information**

<b>Local irritation:</b>	Dust can cause irritation of eyes, respiratory organs and skin. After ingestion stomach pain or nausea are possible.
<b>Other remarks:</b>	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**

<b>Ecotoxic effects:</b>	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**

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

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

**16. Other information**

contains no heavy metal, RoHS