**CC-PRODUCTS** 

Safety Data Sheet according to EU Directive 1907/2006 date: 17 February 2015

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 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 thermplastics, 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 water ,dry chemical extinguisher, foam, carbon dioxide media 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.



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9. Physical and chemical pro	perties

Form: Colour: Odour: Solubility in water	wire white to yellow, or typically as wood, chalk, clay almost odourless partly soluble for products: <b>Porolay; Layfomm 40/60; Gellay; Layfelt; LAY-PVA</b>
	insoluble for: Laywoo-D3; Laybrick; Bendlay; Moldlay; Layceramic; smartABS;
10. Stability and reactivity	
Stability:	The product is stable at recommended storage conditions. Avoid exposure to extreme heat. Thermal decomposition > 265°C. Store dry.
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	
Ecotoxical effects:	No negative ecological effects known at the present state of knowledge, test results are not available.
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
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

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