



BILBYCNC MATERIAL SAFETY DATA SHEET FOR BRICK FILAMENT

Version 1.1

This Material Safety Data Sheet relates to the product known as **Brick filament**.

It was produced in Germany in accordance with safety regulation (EC) No 1907/2006 and translated into English by BilbyCNC, Australia
www.bilbycnc.com.au



1. Identification of the Product and Manufacturer

Item Name : chalk-containing 3D Printing filament
Physical state : Solid in transit. Liquid in use
Odour : Neutral
Colour : Cream/Grey

Name of manufacturer:
CC - PRODUCTS
Auenweg 173/10
51063 Cologne, Germany. Germany;
Emergency telephone number: Tel: +49-221-510 47 53

Australian Contact Details :
BilbyCNC www.bilby.net PH (within Australia) 1800 245 297 (o/s) +64 2 4480 6450

2. Hazards Identification

Environmental effects : None known

Health Risks :

Risk by inhalation of combustion gases, particularly in the event of a fire occurring: coking.

Other Safety Hazards: None known

3. Composition / information on ingredients

Chemical Characterization:

Polymer blend based on co-polyesters, , calcium carbonate, water, plasticizer (PEG).

4. First Aid Measures

Respiratory (in case of Fire) :

Remove the victim from the contamination immediately to fresh air.

Seek medical advice, if victim does not recover.

Skin contact with the combustion products : Wash with soap and water.

Eye contact of Combustion fumes :

Gently rinse the affected eyes with clean water for at least 15 minutes.

If symptoms persist, call a physician.

Notes to physician: Treat symptomatically.

5. Fire Fighting Measures

Suitable extinguishing agents : Water, powder and carbon dioxide (CO₂)

Advice for firefighters : Use extinguishing measures that suit the environment.

6. Accidental Release Measures

Measures for environmental effects :

Do not wash away into shower or waterway.

If product got released in environment, take adequate steps to prevent aquatic animals and birds dying from eating pellets.

Methods and material for containment and cleaning : Pick up mechanically.

7. Handling and Storage

Precautions for safe handling

Especially when larger quantities sufficient air exchange and / or exhaust in work rooms.

Storage :

Store in a cool, non-humid environment. This product is susceptible to degradation in water, humidity and excessively dry environments. It will become brittle if dried out.

Safety Measures/Incompatibility :

S29-Do not empty into drains

Disposal considerations

This product is not currently accepted as recyclable within Australia
Dispose of unused material via registered waste carriers.

8. Exposure controls / personal protection

Protective and hygiene measures

General protective and hygiene measures should be observed.

Hand protection: In case of known synthetic or natural fibre allergy

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance:	solid
Color:	cream/grey
Odor:	Neutral
Softening point (Vicat)	> 70 ° C
Water Solubility	Not water soluble at 20° C

10: Stability and reactivity

Conditions to Avoid: Temperature above 60 ° C—may cause deformation

Stable under recommended storage conditions.

With proper use, non-hazardous.

11: Toxicological Information

Information on toxicological effects

Skin irritation: No known hazards

In case of skin irritation consult a physician

Eye irritation: Vapors that occur during processing, can the respiratory system and irritate the eyes .

Sensitization: By skin contact, can occur in some persons

12 : Ecological information

Ecological : This product has no known eco-toxicological effects .

13 : Disposal

Waste treatment methods recommendation

Small quantities can be disposed of with household waste.

Follow the local law /regulations of waste disposal and prevention against public nuisance

Do not cast waste (waste fluid, solid waste and washing drainage etc.) that includes this product directly into a river, or bury it underground.

14: TRANSPORT INFORMATION

No hazardous good according to transport regulations .

15: Safety, health and environmental regulations / legislation specific for the product

EU regulations

This product is not classified according to EU directives 67/548/EEC ,
1999/45/EC and EC Regulation 1272/2008 (GHS) .

national regulations

Water hazard class: Non- hazardous for water.

16: Other information

Contains no heavy metals.

17. Other Information/References

The information relates to this specific material. It may not be valid for this material, if used in combination with any other materials or in any process. It is the user's responsibility to satisfy him-selves as to the suitability and completeness of this information for his own particular use.

The information herein is given in good faith, but no warranty, express or implied, is made.

This information contained in this data sheet represents the best information currently available to us. However, no warranty is made with respect to its completeness and we assume no liability resulting from its use. It is advised to make their own tests to determinate the safety and suitability of each such product or combination for their own purposes.

This document was translated by BilbyCNC in good faith. At the time of translation the following items were added to the original document:

Introduction

Item 1 : Product Identification data

Australian contact information

Item 4 : Expanded

Item 6 : Measures for environmental effects

Item 7 : Safety Measures/Incompatibility

Disposal considerations

Storage

Item 13 : expanded

Item 17

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