



# SAFETY SHEET

## FILAMENT | PETG ULTRA

V 1.0 | 01-2016

**VOLUMIC**  
IMPRIMANTES 3D

Safety Data Sheet according to Regulation (EC) N°1907/2006

### SECTION 1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

Product:  
Filament PETg Ultra

Company:  
VOLUMIC 3D  
12bis Rue Louis GARNERAY  
06300 NICE  
France  
Tel : +33 9 500 27 400

### SECTION 2. HAZARDS IDENTIFICATION

No hazardous according to EC-Regulations.

### SECTION 3. COMPOSITION/ INFORMATION ON INGREDIENTS

Neopentylglycol-ethyleneglycol terephthalate copolymer, additives and organic and inorganic colorants

### SECTION 4. FIRST-AID MEASURES

On contact with eyes:  
Product is solid. Remove as any foreign object.

On skin contact:  
Cool skin rapidly with cold water after contact with molten material.  
Do not peel polymer from skin. Get medical attention, if necessary.

If inhaled:  
Product is solid. No special measures required

On ingestion:  
No special measures required

### SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: water, foam, carbon dioxide or dry powder.  
Use self containing breathing apparatus for fire fighting in closed rooms.  
During combustion can be emitted: carbon monoxide, carbon dioxide, acetaldehyde and traces of other toxic substances, due to decomposition and oxidation of the product.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:  
Particular danger of slipping on spilled product

Environmental precautions:  
No special measures required

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

### SECTION 7. HANDLING AND STORAGE

Handling:  
when handling carton boxes or pallets observe ergonomic recommendations



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Storage:

no special hazards, when storing carton boxes or pallets take measures against falling down.

## SECTION 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Personal protective equipment:

Respiratory protection:

Fine-dust mask, depending on application

Hand protection:

Protective gloves are recommended

Eye protection:

Safety glasses are recommended

Hygiene measures:

Wash hands before breaks and after work.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Filament

Melting point / melting range: 80 - 85 °C

Flash point: Not applicable

Density: > 1.29 g/cm<sup>3</sup> at 20 °C

Water solubility: insoluble

## SECTION 10. STABILITY AND REACTIVITY

No specific test data related to reactivity available for the product or its ingredients. The product is stable. Under normal conditions of storage and use, hazardous reactions will not occur.

## SECTION 11. TOXICOLOGICAL INFORMATION

Combustion products may be irritant.

## SECTION 12. ECOLOGICAL INFORMATION

Toxicity: Not available

Persistence and degradability: Not available

## SECTION 13. DISPOSAL CONSIDERATIONS

As most of thermoplastics, the product can be recycled. If recycling is not possible, the product must be taken to a waste disposal site or incinerated subject to local regulations.

## SECTION 14. TRANSPORT INFORMATION

Road, marine or air transport: Non-hazardous goods

## SECTION 15. REGULATORY INFORMATION

Hazard symbols, R or S phrases: none

## SECTION 16. OTHER INFORMATION





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This information is based on our present state of knowledge and does not guarantee specific properties of the products described or their suitability for a particular application.

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