

Information Sheet

REACH and SVHC Ultrafuse® filaments

Date: August 28th, 2023

Version no.: 2.5

Dear valued Customer,

The products mentioned in the table below supplied by BASF 3D Printing Solutions B.V. are compliant with EC Regulation 1907/2006 (REACH) as all substances the product are composed of;

- Had been manufactured/imported under a valid pre-registration until May 31, 2018 and/or,
- Have been registered and/or,
- Are excluded from the Regulation (e.g. natural occurring substances), and/or,
- Are exempted from registration (e.g. polymers).

All components used for the production of the filaments have been registered by BASF and/or its suppliers.

On June 14, 2023 ECHA has published a candidate list with 235 Substances of Very High Concern (SVHC) for Authorisation. This list is regularly updated when more substances are identified as SVHC. BASF 3D Printing Solutions B.V. hereby confirms that at the date of this letter, none of the substances mentioned in this updated list are intentionally added to, or are known to be present in the Ultrafuse® products – listed below - with concentrations exceeding the threshold of 0.1 % m/m.

This statement applies to the following filaments*:

Ultrafuse® ABS	Ultrafuse® ABS Fusion+	Ultrafuse® ASA
Ultrafuse® BVOH	Ultrafuse® HiPS	Ultrafuse® PA
Ultrafuse® PA6 GF30	Ultrafuse® PAHT CF15	Ultrafuse® PC/ABS FR
Ultrafuse® PEI 9085	Ultrafuse® PET	Ultrafuse® PET CF15
Ultrafuse® PLA	Ultrafuse® PLA PRO1	Ultrafuse® PP
Ultrafuse® PP GF30	Ultrafuse® PPSU	Ultrafuse® rPET
Ultrafuse® TPC 45D	Ultrafuse® TPU 85A	Ultrafuse® TPU 95A
Ultrafuse® TPU 64D	Ultrafuse® PC GF30	Ultrafuse® 316L
Ultrafuse® 17-4 PH	Ultrafuse® TPS 90A	Ultrafuse® PLA Tough

* All colors included, exemptions will be mentioned separately.

This document was generated electronically and is valid without signature.

This document expires upon any regulatory change. Please request new confirmation if needed.

This information is believed to be accurate and refers to the laws, regulations, and products at the date of issue. However, BASF makes no express or implied representations or warranties with respect to the information contained herein. It is the sole responsibility of our customers to determine that their use of BASF products is safe, lawful, and technically suitable for their applications. Because of possible changes in the laws and regulations, we cannot guarantee that the status of this product will remain unchanged.

Information Sheet

RoHS Ultrafuse® filaments

Date: August 28th, 2023

Version no.: 2.3

Dear customer,

The Directive (EU) 2017/2102 [amending Directive 2011/65/EU] (RoHS) lays down the rules on the restriction of the use of certain hazardous substances in electrical and electronic equipment and is therefore not applicable to a chemical product. It is the responsibility of our customer to observe any applicable laws and regulations regarding electrical or electronic equipment (including relevant restrictions)

Based on the information available to us from our raw material suppliers, and our knowledge of the products' compositions, our Ultrafuse® filaments – as listed in the table below – do not contain any substances mentioned in EU Directive 2017/2102:

- Lead (Pb; 0.1%)
- Mercury (Hg; 0.1%)
- Cadmium (Cd; 0.1%)
- Hexavalent chromium (Cr⁶⁺; 0.1%)
- Polybrominated biphenyls (PBB; 0.1%)
- Polybrominated diphenyl ethers (PBDE; 0.1%)
- Bis(2-ethylhexyl) phthalate (DEHP; 0.1%)
- Butyl benzyl phthalate (BBP; 0.1%)
- Dibutyl phthalate (DBP; 0.1%)
- Diisobutyl phthalate (DIBP; 0.1%)

This statement applies to the following filaments*:

Ultrafuse® ABS	Ultrafuse® ABS Fusion+	Ultrafuse® ASA
Ultrafuse® BVOH	Ultrafuse® HiPS	Ultrafuse® PA
Ultrafuse® PA6 GF30	Ultrafuse® PAHT CF15	Ultrafuse® PC/ABS FR
Ultrafuse® PEI 9085	Ultrafuse® PET	Ultrafuse® PET CF15
Ultrafuse® PLA	Ultrafuse® PLA PRO1	Ultrafuse® PP
Ultrafuse® PP GF30	Ultrafuse® PPSU	Ultrafuse® rPET
Ultrafuse® TPC 45D	Ultrafuse® TPU 85A	Ultrafuse® TPU 95A
Ultrafuse® TPU 64D	Ultrafuse® PC GF30	Ultrafuse® 316L
Ultrafuse® 17-4 PH	Ultrafuse® TPS 90A	Ultrafuse® PLA Tough

BASF does not routinely analyze the products for the presence of these substances. However, these substances are not expected to be present in the Ultrafuse® filaments in levels exceeding the limitations mentioned above.

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Information Sheet

WEEE Directive for Ultrafuse® filaments

Date: August 28th, 2023

Version no.: 1.1

Dear valued Customer,

The EU-Directive 2012/19/EU defines the recovery of Waste Electrical and Electronic Equipment. Therefore, we as filament supplier cannot provide a statement of compliance, because this is dependent on the final article. We have examined the WEEE directive and as far as we can determine, the only requirement that would apply is to disclose the presence of brominated flame retardants (see Annex VII of the directive). We can state that not any brominated flame retardants are added deliberately into our Ultrafuse® filaments listed below, nor are they present to the best of our knowledge, in any of the raw materials used to manufacture these filaments.

This statement applies to the following filaments*:

Ultrafuse® ABS	Ultrafuse® ABS Fusion+	Ultrafuse® ASA
Ultrafuse® BVOH	Ultrafuse® HiPS	Ultrafuse® PA
Ultrafuse® PA6 GF30	Ultrafuse® PAHT CF15	Ultrafuse® PET CF15
Ultrafuse® PEI 9085	Ultrafuse® PET	Ultrafuse® PP
Ultrafuse® PLA	Ultrafuse® PLA PRO1	Ultrafuse® rPET
Ultrafuse® PP GF30	Ultrafuse® PPSU	Ultrafuse® TPU 85A
Ultrafuse® TPC 45D	Ultrafuse® PC/ABS FR	Ultrafuse® PC GF30
Ultrafuse® 316L	Ultrafuse® 17-4 PH	Ultrafuse® PLA Tough

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