

**TotalEnergies**

TotalEnergies One Tech Belgium

Refining &amp; Chemicals / Regulatory Affairs

**REGULATORY INFORMATION SHEET****Letter: ARP/21L00814****Date: Feluy, October 12, 2021****Circular Compounds rPE: rPE 2206; 5150; 6310; 6314; 6324 (as produced in Europe)****Circular Compounds rPS: rPS GPPS 1360x; 1450x; 1540x (as produced in Europe)***Referred as The Product in this document***REACH REGISTRATION Compliance – REGULATION 1907/2006/EC**

On 13 December 2006, the European Commission adopted a proposal for a new EU regulatory framework for chemicals, Regulation 1907/2006/EC. Under the new system called REACH (Registration, Evaluation and Authorization of CHemicals), enterprises that manufacture or import more than one ton of a chemical substance per year are required to register it in a central database. The aims of this Regulation are to improve the protection of human health and the environment while maintaining the competitiveness and enhancing the innovative capability of the EU chemicals industry.

We can hereby confirm that The Product supplied by TotalEnergies Petrochemicals & Refining, TotalEnergies Petrochemicals France to your company is REACH compliant as all substances it is composed of, are

- exempted from registration, and/or
- have been registered by TotalEnergies Petrochemicals & Refining, TotalEnergies Petrochemicals France or its suppliers or an actor up in the supply chain.

**REACH SVHC Declaration**

This statement is in response to your request whether The Product contains Substance of Very High Concern (SVHC) in view of Regulation 1907/2006/EC (REACH).

SVHC are addressed through the authorization system (Reach Title VII). The Substances of Very High Concern are identified through the “candidate list” (referred to in Article 59 of the authorization system) and gradually they may be included (Article 58) in Annex XIV (Substances subject to authorization) of the Reach Regulation.

We hereby confirm that analysis on The Product (or on a specimen representative of this material) have shown that The Product does not contain more than 0.1% (w/w) of any substance of very high concern listed in the ECHA candidate list in accordance with Article 33 of the Reach Regulation, as updated on January 16<sup>th</sup>, 2020.

**PACKAGING AND PACKAGING WASTE - DIRECTIVE 94/62/EC**

We hereby confirm that The Product complies with Directive 94/62/EC on Packaging and Packaging Waste with respect to the heavy metals content limit. Analysis done on The Product (or on a specimen representative of this material) have shown that the overall concentration of cadmium, mercury, lead and chromium is lower than 100 ppm.

**RoHS II – RoHS III – Directives 2011/65/EU – 2015/863/EU**

We hereby inform you that Directive 2011/65/EU (up to amendment (EU) 2020/366) on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS) does not cover The Product as “raw materials” but it only applies to the “electrical and electronic equipment” as finished products defined in the Annex I of Directive 2011/65/EU.

Issued by an electronic system

1/3

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Nevertheless, we hereby confirm that analysis on The Product (or a specimen representative of this material) have shown that neither Polybromo biphenyls (PBB), Polybromo diphenylethers (PBDE), Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP), Diisobutyl phthalate (DIBP) are at a level higher than 0.1%.

We hereby confirm that analysis on The Product (or on a specimen representative of this material) have shown that mercury, lead and hexavalent chromium were not found at a level higher than 0.1% (w/w) each, and cadmium at a level higher than 0.01% (w/w).

### Polycyclic Aromatic Hydrocarbons (PAH) – REACH Annex XVII

Please find here under analysis results performed on The Product (or on a specimen representative of this material), concerning PAH content:

Test method: AfPS GS 2019:01 PAK (2019-05)

Limit of Quantification: 0.15 mg/kg

Substance name	CAS RN	Result (ppm)
Naphthalene	91-20-3	< 0.15
Acenaphthylene	208-96-8	< 0.15
Acenaphthene	83-32-9	< 0.15
Fluorene	86-73-7	< 0.15
Phenanthrene	85-01-8	< 0.15
Anthracene	120-12-7	< 0.15
Fluoranthene	206-44-0	< 0.15
Pyrene	129-00-0	< 0.15
Benzo(a)anthracene	56-55-3	< 0.15
Chrysene	218-01-9	< 0.15
Benzo(b)fluoranthene + Benzo(j)fluoranthene	205-99-2 + 205-82-3	< 0.15
Benzo(k)fluoranthene	207-08-9	< 0.15
Benzo(e)pyrene	192-97-2	< 0.15
Benzo(a)pyrene	50-32-8	< 0.15
Indeno(1,2,3-cd)pyrene	193-39-5	< 0.15
Dibenzo(a,h)anthracene	53-70-3	< 0.15
Benzo(ghi)perylene	191-24-2	< 0.15
Sum PAH (only contents of $\geq 0.2$ mg/kg were used for summation)		< 0.2

### DISCLAIMER

Our Regulatory Information Sheet does not cover:

- any modification of The Product by any addition of any other product to it,
- any prejudicial modification of The Product resulting from a processing of The Product,
- an inadequate use and/or storage of The Product and of the finished articles.

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2/3

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Before using The Product mentioned herein, customers and other users should take all care in determining the suitability of such product for the intended use.

Unless specifically indicated, the products mentioned herein are not suitable for applications in the pharmaceutical or medical sector. Under no circumstances are any products sold by TotalEnergies Refining & Chemicals suitable for human in the following applications: (i) implantable devices intended for human or animal body (ii) Devices intended to be used in contact with internal body fluids (iii) Devices intended to be used in contact with internal body tissues. The Companies within TotalEnergies Refining & Chemicals do not accept any liability whatsoever arising from the use of this information or the use, application or processing of any product described herein. No information contained in this publication can be considered as a suggestion to infringe patents. The Companies disclaim any liability that may be claimed for infringement or alleged infringement of patents.

Information contained in this publication is true and accurate at the time of publication and to the best of our knowledge. The present Regulatory Information Sheet is based on the status of the legislation at the date written above and is valid until end of November 2023. This publication cancels and supersedes any prior version thereof. In case you need more information, please contact the Sales Representative or contact us at the following e-mail [polymers-benelux-adm@totalenergies.com](mailto:polymers-benelux-adm@totalenergies.com).

We are at your disposal for any further information you may need and remain,

Yours faithfully  
TotalEnergies One Tech Belgium