TotalEnergies OneTech Belgium
Refining & Chemicals / Regulatory Affairs

REGULATORY INFORMATION SHEET
Letter: 26-ARP-L-0089
Date: Feluy, August 31, 2026

ALL POLYSTYRENE CRYSTAL and IMPACT (manufactured in EUROPE)

Referred as The Product in this document

PART A COMPLIANCE WITH REGULATIONS

REACH REGISTRATION Compliance – REGULATION 1907/2006/EC

On 13 December 2006, the European Commission adopted a proposal for an EU regulatory framework for chemicals, Regulation 1907/2006/EC. Under the 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 & Refinings, 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 & Refinings, TotalEnergies Petrochemicals France or its suppliers or an actor up in the supply chain.

REACH ANNEX XVII – REGULATION 1907/2006/EC

We hereby confirm that The Product complies with the relevant conditions of restrictions laid down in Annex XVII of the REACH Regulation, as updated on December 10, 2025. The full list can be found here: https://echa.europa.eu/en/substances-restricted-under-reach

We remind you that The Product is a plastic raw material, we therefore make reference to the applicable parts of the here above Annex.

We inform you that The Product is a synthetic polymer microparticle, as mentioned in entry 78, and that the paragraph 1 of the conditions of restrictions doesn't apply to The Product when used at industrial sites or when contained by technical means so that release into the environment is prevented when used in accordance with the instructions for use during the intended end use.

The Safety Data Sheet of The Product, available on our website, has been updated accordingly.

PACKAGING AND PACKAGING WASTE - REGULATION 2025/40

We hereby confirm that The Product verifies the heavy metals content limit (cadmium, mercury, lead and chromium VI) and PFAS content limit (including polymeric PFAS, PFAS as defined in Article 5 Paragraph 5) set by Regulation 2025/40 on Packaging and Packaging Waste.

We hereby confirm that The Product, or a representative grade of it, contains less than 2 mg/kg of Fluorine (total Fluorine).

Zone Industrielle C – B-7181 Seneffe (Feluy)
Tél. : +32 (0)64 51 41 11 – E-mail : research-feluy@totalenergies.com

SA TotalEnergies OneTech Belgium NV
RPM Charleroi 0438.021.316 T.V.A. BE 0438.021.316 – BNP Paribas Fortis IBAN BE48 2100 4738 2027 BIC GEBABEBB

TotalEnergies OneTech Belgium
Refining & Chemicals / Regulatory Affairs

CONEG (Coalition of the Northeastern Governors, USA)

We hereby confirm that The Product complies with the requirements of CONEG because the overall concentration of cadmium, mercury, lead and chromium is lower than 100 ppm (w/w).

RoHS II – RoHS III – Directives 2011/65/EU – 2015/863/EU – GB 26572-2025

We hereby inform you that Directive 2011/65/EU (up to amendment (EU) 2024/1416) and GB 26572-2025 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" (EEPs) as finished products defined in the Annex I of Directive 2011/65/EU and in Table 1 of GB 26572-2025.
Nevertheless, we hereby confirm that neither the flame retardants polybrominated biphenyls (PBBs) Polybrominated diphenylethers (PBDEs, (this includes penta-, octa-, decabromodiphenylethers)), Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP), Diisobutyl phthalate (DIBP) are used in the manufacturing of the above-mentioned Products. Moreover, we hereby confirm that The Product complies with the requirements of heavy metals content because the concentration of cadmium, mercury, lead and chromium is lower than 100 ppm (w/w).

END OF LIFE VEHICLES – DIRECTIVE 2000/53/EC

We hereby confirm that this product complies with the Directive 2000/53/EC (up to amendment (EU) 2023/544) on end of life vehicles with respect to the heavy metals content limit defined in the notes of the Decision 2002/525/EC, because the overall concentration of lead, chromium and mercury is lower than 0.1 % by weight, and the concentration of cadmium is lower than 0.01 % by weight.

GENETICALLY MODIFIED ORGANISMS (GMO)

We hereby confirm that we received confirmation of our suppliers of additives* used in The Product mentioning the absence of genetically modified organisms (GMO).
*Additive as defined in Regulation (EU) No 10/2011

HALAL/KOSHER

We inform you that The Product has not received Halal/Kosher certification. We can hereby confirm that we do not use Ethanol (CAS No 64-17-5) as additive* in The Product.
* Additive as defined in Regulation (EU) No 10/2011

VEGETAL/ANIMAL ORIGIN/TSE
Grades: GPPS 1450N, GPPS 1960N, GPPS 1360, HIPS 5240, HIPS 7240

We inform you that the hereabove mentioned products do not contain any additive* from vegetal or animal origin.

Grades: GPPS 1070, GPPS 1160, GPPS 1240, GPPS 1340, GPPS 1540, GPPS 1810, HIPS 3450, HIPS 3630, HIPS 4440, HIPS 6540, HIPS 8260

We inform you that the hereabove mentioned products contain one additive* from vegetal or animal origin.
We confirm that we received below indications form our current additive* supplier:

1. The additive* is from Category 3 material (as defined in Article 10 of Regulation (EC) 1069/2009 amending Regulation (EC) 1774/2002).

Zone Industrielle C – B-7181 Seneffe (Feluy)
Tél. : +32 (0)64 51 41 11 – E-mail : research-feluy@totalenergies.com

SA TotalEnergies OneTech Belgium NV
RPM Charleroi 0438.021.316 T.V.A. BE 0438.021.316 – BNP Paribas Fortis IBAN BE48 2100 4738 2027 BIC GEBABEBB

TotalEnergies OneTech Belgium
Refining & Chemicals / Regulatory Affairs

2. The Manufacturing process of this additive* follows the Note for guidance on minimizing the risk of transmitting animal spongiform encephalopathy agents via human and veterinary medicinal products (EMA/410/01 rev.3).

*Additive as defined in Regulation (EU) No 10/2011

CONFLICT MINERALS – SECTION 1502 OF DODD-FRANCK ACT – USA & EXTENDED MINERALS

We inform you that The Product does not contain conflict minerals: cassiterite, columbite-tantalite, wolframite, tin, tantalum, tungsten, gold, mica and cobalt.

WASTE ELECTRICAL AND ELECTRONIC EQUIPMENT (WEEE) – DIRECTIVE 2012/19/EU

We hereby inform you that Directive 2012/19/EU (up to amendment (EU) 2024/884) on waste electrical and electronic equipment (WEEE) does not cover The Product as “raw materials” but it only applies to the “electrical and electronic equipment” as finished products defined in Article 3 and classified in categories set out in Annex III of Directive 2012/19/EU.

Nevertheless, we hereby confirm that neither Polychlorinated biphenyls (PCB), Polychlorinated terphenyls (PCT), chlorofluorocarbons (CFC), hydrochlorofluorocarbons (HCFC) or hydrofluorocarbons (HFC), brominated flame retardants, asbestos are not intentionally used in the manufacturing of The Product at a threshold level higher than 0.1%.

We hereby confirm that The Product does not contain mercury, lead and hexavalent chromium at a threshold level higher than 0.1% (w/w) each, and of cadmium at a threshold level higher than 0.01% (w/w).

LOI n°2020-105 du 10 février 2020 relatif à la lutte contre le gaspillage et à l’économie circulaire (AGEC) – Endocrine Disruptors - FRANCE

We inform you that the Article 13 of the above French law completes the *chapitre II du titre III du livre II de la cinquième partie du code de la santé publique* by the Article L. 5232-5. The *arrêté du 28 septembre 2023* states the list of the endocrine disruptors as mentioned in Article L. 5232-5. We hereby confirm you that the substances listed in Annex I Table A and Table A *bis* are not intentionally added to The Product.

DECRET n°2021-1285 du 1er octobre 2021 relatif à l’identification des substances dangereuses dans les produits générateurs de déchets - FRANCE

We inform you the Article 1 of the above French law states the dangerous susbtances mentioned at the *article 541-9-1 du code de l’environnement*. The *arrêté du 30 août 2023 relatif à l'identification des substances dangereuses dans les produits générateurs de déchets* completes the list of the dangerous substances. We hereby confirm you that the substances listed in the Annex of the *arrêté du 30 août 2023* are not intentionally added to The Product.

CALIFORNIA PROPOSITION 65 - Safe Drinking Water and Toxic Enforcement Act of 1986

We hereby confirm that we do not use the chemicals mentioned in The Proposition 65 List dated July 31st, 2026 (chemicals list that you can find at the following web address: https://oehha.ca.gov/proposition-65/proposition-65-list) as additive*.

However, we are using the following monomer Styrene which may contains impurities like Ethylbenzene, Toluene and Benzene. In the Polystyrene Impact HIPS, you may also find 1,3-butadiene as a residue from the polybutadiene.

Zone Industrielle C – B-7181 Seneffe (Feluy)
Tél. : +32 (0)64 51 41 11 – E-mail : research-feluy@totalenergies.com

SA TotalEnergies OneTech Belgium NV
RPM Charleroi 0438.021.316 T.V.A. BE 0438.021.316 – BNP Paribas Fortis IBAN BE48 2100 4738 2027 BIC GEBABEBB

TotalEnergies OneTech Belgium
Refining & Chemicals / Regulatory Affairs

Styrene was listed on Prop 65 in April 2016. On 15th May 2017 OEHHA (California's Office of environmental Health Hazard Assessment) has adopted a Prop 65 no significant risk level (NSRL oral) for styrene of 27 µg/day. The typical residue of Styrene is below 500 ppm.
Ethylbenzene, a process component of styrene monomer, the starting material for polystyrene, was listed on Prop 65 in June 2004. On 28th Mar 2008 OEHHA (California's Office of environmental Health Hazard Assessment) has adopted a Prop 65 no significant risk level (NSRL oral) for ethylbenzene of 41 µg/day. The typical residue of Ethylbenzene is below 50 ppm.
Toluene, a process component of styrene monomer, the starting material for polystyrene, was listed on Prop 65 in January 1991.On 15th Aug 2013 OEHHA (California's Office of environmental Health Hazard Assessment) has adopted a Prop 65 maximum admissible dose level for reproductive toxicity (MADL oral) for Toluene of 7000 µg/day. The typical residue of Toluene is below 5 ppm.
Benzene, a process component of styrene monomer, the starting material for polystyrene, was listed on Prop 65 in December 1997.On 13th June 2003 OEHHA (California's Office of environmental Health Hazard Assessment) has adopted a Prop. 65 no significant risk level (NSRL oral) for Benzene of 6.4 µg/day. The typical residue of benzene is below 10 ppb.
1,3-Butadiene, is a co-monomer, in the synthesis of our HIPS polystyrene resins, was listed on Prop 65 in April 1988. On 31st Oct 2003 OEHHA (California's Office of environmental Health Hazard Assessment) has adopted a Prop 65 no significant risk level (NSRL oral) for 1,3-butadiene of 0.4 µg/day. The typical residue of 1,3-butadiene is below 120 ppb.
While we do perform specific tests to verify the presence of the five chemicals mentioned here above, other substances listed in Proposition 65 are not monitored by specific tests in The Product, and therefore we cannot guarantee that there is no trace amount of some of them, as impurity or otherwise, in The Product.
*Additive as defined in Regulation (EU) No 10/2011

NANOMATERIALS - COMMISSION RECOMMENDATION 2011/696/EU

We hereby confirm that we received confirmation of our suppliers of additives* mentioning the absence of nanomaterials as defined in the Commission Recommendation 2011/696/EU.
*Additive as defined in Regulation (EU) No 10/2011

PFAS (Per & PolyFluoroAlkyl Substances) – GLOBAL STATMENT

We hereby confirm that The Product doesn't contain any intentionnally added PFAS. PFAS are a group of organic substances containing alkyl groups on which all or many of the hydrogen atoms have been replaced with fluorine as structural fragments.

PART B COMPLIANCE WITH NORMS OR STANDARDS

We can hereby confirm that we do not use as additive* any substances listed in these norms and standards above the limit values. The Product is a plastic and we therefore made reference to the respective parts of these norms and standards. Furthermore, we inform you that we do not test each grade we sell to check the potential presence of trace amounts of each chemicals hereafter listed which could be present in The Product as impurities or otherwise.

1. SONY TECHNICAL STANDARDS SS-00259 Table 4.1, 21th Edition, revised 2023
2. IKEA IOS-MAT-0010 – Table 12, version AA-10911-17, dated 2025-04-14
3. BOSCH NORM N 2580-1, dated 2019-04-09

Zone Industrielle C – B-7181 Seneffe (Feluy)
Tél. : +32 (0)64 51 41 11 – E-mail : research-feluy@totalenergies.com

SA TotalEnergies OneTech Belgium NV
RPM Charleroi 0438.021.316 T.V.A. BE 0438.021.316 – BNP Paribas Fortis IBAN BE48 2100 4738 2027 BIC GEBABEBB

TotalEnergies OneTech Belgium
Refining & Chemicals / Regulatory Affairs

4. PHARMACOPOEIA: We inform you that there is no European Pharmacopoeia Monograph relative to Polystyrene.

*Additive as defined in Regulation (EU) No 10/2011

PART C ABSENCES OF SUBSTANCES

We hereby confirm that we do not intentionally use the following substances as additive (as defined in Regulation (EU) No 10/2011) in the manufacturing of The Product:

- **Adipates**
- **Allergen Substances** as listed in Annex II of Regulation (EU)1169/2011, this includes also the substances causing intolerances as listed in Annex II of Regulation (EU)1169/2011.
- **Allergen Substances or causing intolerances:** Buckwheat, Beef, Pork, Chicken, Gelatins (CAS RN 9000-70-8), Apples, Oranges, Kiwifruit, Yams, Matsutake Mushrooms, Peaches, Banana, Tomatoes, Bee pollen, Propolis (CAS RN 85665-41-4), Royal Jelly, Mango, Pine nuts, Chestnuts, Sulfites, Mustard, Molluscan Shellfish, Lupin, Sesame, Honey, Royal Jelly, Chickpeas, Broken peas, Little peas, Lentils.
- **Allergenic Fragrances** as listed in Appendix to Annex II, Part A, point 4 and Part B, point 1 of Regulation (EU) 2025/2509 on the Safety of Toys and repealing Directive 2009/48/EC.
- **Anthraquinone** (CAS RN 84-65-1)
- **Acrylamide** (CAS RN 79-06-1)
- **Acrylonitrile** (CAS RN 107-13-1)
- **Aflatoxins** B_1, B_2, G_1, G_2, M_1 and **Mycotoxins**
- **Antimony Trioxide** (CAS RN 1309-64-4)
- **Alkylphenols:** Nonylphenol and Octyphenol
- **Alkylphenols ethoxylates**
- **Aromatic Amines** as listed in Regulation 1907/2006/EC Annex XVII Appendix 8
- **Asbestos** as listed in Regulation 1907/2006/EC Annex XVII
- **Aspartame** (CAS RN 22839-47-0, 7421-84-3)
- **Azocolorants** as listed in Regulation 1907/2006/EC Annex XVII Appendixes 8 and 9
- **Aziridine** (CAS RN 151-56-4)
- **Benzophenone Derivatives**: Benzophenone (CAS RN 119-61-9), 2-hydroxybenzophenone (CAS RN 117-99-7), 3-hydroxybenzophenone (CAS RN 13020-57-0), 4-hydroxybenzophenone (CAS RN 1137-42-4), 4-methylbenzophenone (CAS RN 134-84-9), Benzophenone-3 (CAS RN 131-57-7)
- **BHA** (Tert-butyl-4-hydoxyanisole, CAS RN 25013-16-5)
- **BHT** (2,6-di-tert-butyl-p-cresol, CAS RN 128-37-0)
- **Biocidal Products** as defined in Article 3(1)(a) of the Regulation (EU) 528/2012
- **Bisphenols:** Bisphenol A (CAS RN 80-05-7), Bisphenol AF (CAS RN 1478-61-1), Bisphenol AP (CAS RN 1571-75-1), Bisphenol B (CAS RN 77-40-7), Bisphenol BP (CAS RN 1844-01-5), Bisphenol C (CAS RN 79-97-0), Bisphenol CII (CAS RN 14868-03-2), Bisphenol E (CAS RN 2081-08-5), Bisphenol F (CAS RN 620-92-8), Bisphenol G (CAS RN 127-54-8), Bisphenol M (CAS RN 13595-25-0), Bisphenol P (CAS RN 2167-51-3), Bisphenol PH (CAS RN 24038-68-4), Bisphenol S (CAS 80-09-1), Bisphenol TMC (129188-99-4), Bisphenol Z (CAS RN 843-55-0)
- **Blood Products** as defined in regulation (EC) No 142/2011
- **Carbon Black** (CAS RN 1333-86-4)

Zone Industrielle C – B-7181 Seneffe (Feluy)
Tél. : +32 (0)64 51 41 11 – E-mail : research-feluy@totalenergies.com

SA TotalEnergies OneTech Belgium NV
RPM Charleroi 0438.021.316 T.V.A. BE 0438.021.316 – BNP Paribas Fortis IBAN BE48 2100 4738 2027 BIC GEBABEBB

TotalEnergies OneTech Belgium
Refining & Chemicals / Regulatory Affairs

- **Chlorinated Aliphatic Compounds**: tetrachloromethane (CAS RN 56-23-5), 1,1,2,2-tetrachloroethane (CAS RN 79-34-5), 1,1,1,2-tetrachloroethane (CAS RN: 630-20-6), pentachloroethane (CAS RN 76-01-7), trichloromethane (chloroform; CAS RN 67-66-3), 1,1,2-trichloroethane (CAS RN 79-00-5), 1,1-dichloroethylene (CAS RN 75-35-4), 1,1,1-trichloroethane (CAS RN 71-55-6)
- **Chlorofluorocarbons** (CFC), **Hydrogenated Chlorofluorocarbons** (HCFC), **Halones**
- **CMR** Substances classified Carcinogens, Mutagens or Toxic to Reproduction Categories 1 and 2 as listed in Regulation 1272/2008/EC above the threshold that leads to the classification of The Product
- **Colza oil**
- **Cosmetic:** Prohibited Ingredients as listed in Annex II and III of the Regulation (EC) No 1223/2009 on Cosmetic Product. However, we inform you that the Monomer Styrene (CAS RN 100-42-5) can be found up to 500 ppm in The Product and the residual monomer 1,3-Butadiene coming from the Polybutadiene (CAS RN 106-99-0) can be found up to 0.120 ppm in The Product. We inform you that Benzene and Toluene are non-intentionally added substances and can be found respectively with a typical value of 0.010 ppm and 5 ppm.
- **Cyanuric Acid** (CAS RN 108-80-5)
- **Dechlorane Plus®** (CAS RN 13560-89-9)
- **Dimethylfumarate** (CAS RN 624-49-7)
- **Dioxins** and **Difurans**
- **Endocrine disruptors** as listed in ECHA's endocrine disruptor (ED) assessment list – 25 November 2025
- **Endocrine disruptors Lists I, II, III** as listed on the following website: https://edlists.org/ - December 2025
- **Epoxy Derivatives** as listed in Regulation (EC) 1895/2005: 2,2-bis (4-hydroxyphenyl) propane bis (2,3-epoxypropyl) ether (BADGE, CAS RN 1675-54-3; 76002-91-0; 5581-32-8), bis(hydroxyphenyl) methane bis (2,3-epoxypropyl) ethers (BFDGE, CAS RN 39817-09-9) and novolac glycidyl ethers (NOGE)
- **Epoxidized Soya Bean Oil** (ESBO, CAS RN 8013-07-8)
- **Ethanol** (CAS RN 64-17-5)
- **Flame Retardants**, it includes Hexabromocyclododecane (HBCD)
- **Fluorinated Greenhouse gases** as listed in Annex I, II and III of Regulation (EU) No 2024/573
- **Food Allergens** as listed in the **Food Allergen Labeling and Consumer Protection Act of 2004**: milk, eggs, fish, Crustacean shellfish, tree nuts, peanuts, wheat, and soybeans
- **Food Allergens** as listed in the **Food and Drug Regulations C.R.C., C. 870 Section B.01.010.1 (Canada)**: any protein from any of the following foods, or any modified protein, including any protein fraction, that is derived from any of the following foods: almonds, Brazil nuts, cashews, hazelnuts,macadamia nuts, pecans, pine nuts, pistachios or walnuts, peanuts, sesame seeds, wheat or triticale, eggs, milk, soybeans, crustaceans, molluscs, fish, mustard seeds.
- **Formaldehyde** (CAS RN 50-00-0)
- **Glutens** (CAS RN 8002-80-0)
- **Glycol Ethers from E and P lists**
- **GLYEO** ([3-(2,3-epoxypropoxy)propyl]triethoxysilane, CAS RN 2602-34-8)
- **GLYMO** ([3-(2,3-epoxypropoxy)propyl]trimethoxysilane CAS RN 2530-83-8)
- **Glyoxal** (CAS RN 107-22-2)
- **Glyphosate** (CAS RN 1071-83-6)
- **Halogens** : Fluorine, Chlorine, Bromine, Iodine
- **Hydroquinone** (CAS RN 123-31-9)
- **Isocyanates,** it includes diisocyanates

Zone Industrielle C – B-7181 Seneffe (Feluy)
Tél. : +32 (0)64 51 41 11 – E-mail : research-feluy@totalenergies.com

SA TotalEnergies OneTech Belgium NV
RPM Charleroi 0438.021.316 T.V.A. BE 0438.021.316 – BNP Paribas Fortis IBAN BE48 2100 4738 2027 BIC GEBABEBB

TotalEnergies OneTech Belgium
Refining & Chemicals / Regulatory Affairs

- **Isopropylthioxanthone** (ITX, CAS RN 5495-84-1, 83846-86-0)
- **Latex** (definition: a white, tacky, aqueous suspension of a hydrocarbon polymer occurring naturally in some species of trees, shrubs, or plants, or made synthetically)
- **Medicinal Product** (Definition: A substance or combination of substances that is intended to treat, prevent or diagnose a disease, or to restore, correct or modify physiological functions by exerting a pharmacological, immunological or metabolic action)
- **Medium Chained Chlorinated Paraffins** as listed in Regulation EC 1907/2006 Annex XIV
- **Melamine** (CAS RN 108-78-1)
- **Metals: Antimony, Arsenic, Barium, Cadmium, Chrome, Cobalt, Copper, Europium, Gadolinium, Iron, Lanthane, lead, Lithium, Magnesium, Managanese, Mercury, Nickel, Potassium, Sodium, Terbium, Zinc**. As we do perform tests on The Product or a representative material of it, we can confirm that those metals are not present in a quantity which would give rise to a migration in food or food simulant higher than the values listed in Annex I or II of (EU) No 10/2011 as amended up to 2025/351, when used under the condition(s) mentioned in our food contact certificate.
- **Mica** (CAS RN 12001-26-2)
- **Michler's ketone** (4,4'-bis(dimethylamino)benzophenone, CAS RN 90-94-8)
- **MOSH** (Mineral Oil Saturated Hydrocarbons), **MOAH** (Mineral Oil Aromatic Hydrocarbons), **Mineral Oil**. However, we inform you that a certain amount of Mineral Oil can be present in some of The Product as a additive. This Mineral oil is included in the Union List of the authorized substances for the manufacturing of plastic materials intended to come into contact with food under the FCM 95.
- **N-Ethyl-o(or p)-toluenesulphonamide** (NETSA, CAS RN 8047-99-2)
- **N-Methylpyrrolidone** (NMP, CAS RN 872-50-4)
- **Nitrites**
- **Nitrocellulose** (EC No 936-908-7)
- **Nitrosamines:** We can hereby confirm that we do not use the substances listed below as additive* in The Product. We hereby inform you that to the best of our knowledge nitrosamines compounds will most probably not be present The Product.
  SUBSTANCES: Sodium Nitrite ($NaNO_2$, CAS RN 7632-00-0), Nitrocellulose (EC 936-908-7), Ozone (CAS RN 10028-15-6), Nitrous Acid (HNO_2, CAS RN 7782-77-6), Nitric Acid (HNO_3, CAS RN 7782-77-6), Nitric Oxid (NO, CAS RN 10102-43-9), Nitrosyl halides (e.g. ClNO, BrNO), Dinitrogen trioxide (N_2O_3, CAS RN 10544-73-7), Dinitrogen tetraoxide (N_2O_4, CAS RN 10544-72-6), Organic nitrites (e.g. t-BuONO), Formaldehyde (CAS RN 50-00-0), Amide solvents, N,N-dimethylformamide (DMF, CAS RN 68-12-2), N-Methylpyrrolidone (NMP, CAS RN 120-94-5), N,N-dimethylacetamide (DMA, CAS RN 127-19-5), Hydroxylamine (NH_2OH, CAS RN 7803-49-8), N-nitro-N-methyl-4-aminobutyric acid (NMBA, CAS RN 61445-55-4), N-nitrosodiméthylamine (NDMA, CAS RN 62-75-9), N-nitrosométhyléthylamine (CAS RN 10595-95-6), N-nitrosodiethylamine (NDEA, CAS RN 55-18-5), N-nitrosodipropylamine (CAS RN 621-64-7), N-nitrosodibutylamine (CAS RN 924-16-3), N-nitrosomorpholine (CAS RN 59-89-2), N-nitrosopiperidine (CAS RN 100-75-4), N-nitrosopyrrolidine (CAS RN 930-55-2), N-nitrosodiethanolamine (CAS RN 1116-54-7), N-Methyl-N′-Nitro-N-Nitrosoguanidine (CAS RN 70-25-7), N-Nitrosoethyl-n-butylamine (CAS RN 4549-44-4), N'-Nitrosoanabasine (CAS RN 37620-20-5), 4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanol (CAS RN 76014-81-8), 4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanone (CAS RN 64091-91-4), N-Nitrososarcosine (CAS RN 13256-22-9), N-Nitrosonornicotine (CAS RN 16543-55-8), 3-(N-methylnitrosamino) propionic acid (CAS RN 10478-42-9), 4-(N-methylnitrosamino) butyric acid, Nitrosoazetidine-4-carboxylic acid (CAS RN 30248-47-6), N-nitrosodiphenylamine (CAS RN 86-30-6), Nitroso-diisopropylamine (CAS RN 601-77-4), N-nitroso N-methyl N phenylamine (CAS RN 614-00-6), N-nitroso N-ethyl N-phenylamine (CAS RN 612-64-6), N-nitroso dibenzylamine (CAS RN 5336-53-8), 1-nitroso-2,3-dihydropyrrole (CAS RN 37449-28-8), N-nitrosodicyclohexylamine (CAS RN 947-92-2), N-nitrosodiisononylamine (CAS RN 643014-99-7), N-Nitrosodimethylamine (NDMA, CAS RN 62-75-9), N,N-diethylacetamide (DEA, CAS RN 685-91-6), Triethylamine (CAS RN 121-44-8), Diethylamine (CAS RN 109-89-7), Monoethylamine (CAS RN 75-04-7), Dimethylamine (CAS RN 124-40-3), Trimethylamine (CAS RN 75-50-3), Tributylamine (TBA, CAS RN 102-82-9), Tetra Butyl Ammonium Bromide (TBAB, CAS RN 1643-19-2), N-Methylmorpholine (NMM, CAS RN 109-02-4), N,N-Diisopropylethylamine (DIPEA, CAS RN 7087-68-5), Diethanolamine (CAS RN 111-42-2), 3,5,5-trimethyl-N-nitroso-N-(3,5,5-trimethylhexyl)-1-hexanamine (CAS RN 1207995-62-7), Diisobutylnitrosoamine (CAS RN 997-95-5).
- **Nitrosating agents**: sodium nitrite, nitrous acid, nitrous anhydride, and nitrosyl halides
- **Nonylphenol And Nonylphenolethoxylates** as listed in Regulation 1907/2006/EC Annex XVII

Zone Industrielle C – B-7181 Seneffe (Feluy)
Tél. : +32 (0)64 51 41 11 – E-mail : research-feluy@totalenergies.com

SA TotalEnergies OneTech Belgium NV
RPM Charleroi 0438.021.316 T.V.A. BE 0438.021.316 – BNP Paribas Fortis IBAN BE48 2100 4738 2027 BIC GEBABEBB

TotalEnergies OneTech Belgium
Refining & Chemicals / Regulatory Affairs

- **Organotin Compounds**: Monobutyltin Cation (MBT), Dibutyltin Cation (DBT), Dioctyl Tin (DOT), Tributyltin Cation (TBT), Triphenyltin Cation (TPT) and Tributyltin Oxide (TBTO)
- **Ozone-Depleting Substances** (Regulation EU 2024/590 – Annex I and II; The Montreal Protocol on Substances that deplete the Ozone Layer; Clean Air Act, USA). CFCs, Halons, Other fully halogenated CFCs, Carbon tetrachloride, 1,1,1-Trichloroethane (Methyl chloroform), Hydrochlorofluorocarbons (HCFC), Hydrobromofluorocarbons (HBFC), Methyl bromide, Bromochloromethane.
- **Oxo-degradable substances.** We can confirm that *The Product* doesn't fulfil the definition of oxo-degradable plastic as defined in the Directive (EU) 2019/904 of the European Parliament and of the Council of 5 June 2019 on the reduction of the impact of certain plastic products on the environment.
- **Palm Oil** (CAS RN 8002-75-3)
- **Parabens** as listed in Annex II and V of the Cosmetic Regulation 1223/2009/EC
- **Perfluorooctane sulfonic Acid and its derivatives (PFOS)** as listed in Regulation (EU) 2019/1021 on Persistant Organic pollutants
- **Perfluorooctanoic acid (PFOA**, CAS RN 335-67-1) and its salts as listed in Entry 68 of Annex XVII of Regulation (EC) No 1907/2006
- **Persistent Organic Pollutants (POP)** as listed in Annex I to Annex VI of The Regulation (EU) 2019/1021
- **Pesticides, Herbicides** as defined in Article 2 of The Regulation (EC) No 1107/2009
- **Phthalates**
- **Polybromobiphenyls** and **Polybromodiphenylethers**, this includes penta-, octa-decabromobiphenylethers
- **Polycarbonate** (CAS RN 25037-45-0)
- **Polychlorinated biphenyls** (PCB)
- **Polychlorinated Naphtalenes** (PCN)
- **Polychlorinated Terphenyls** (PCT)
- **Polycyclic Aromatic Hydrocarbons (PAH)** as listed in Regulation EC 1907/2006 Annex XVII
- **Polyvinylchloride (PVC), Vinyl chloride Monomer, Polyvinylidene Chloride (PVDC), Vinylidene Chloride Monomer**
- **Radioactive substances** as defined in Directive 96/29/EURATOM
- **Recycled Materials** as defined in Commission Regulation 2022/1616/EU
- **Resorcinol** (1,3-benzenediol, CAS RN 108-46-3)
- **Rosin** (Colophony, CAS RN 8050-09-7)
- **Semicarbazide / Azodicarbonamide** as defined in Directive 2004/1/EC
- **Short Chained chlorinated Paraffins** as listed in Regulation EC 1907/2006 Annex XVII
- **Silicone** (CAS RN 63148-53-8, 63394-02-5, 90337-93-2, 63148-62-9)
- **Silver** and substances containing silver
- **Substances from human origin**
- **Thiuram Mix** (contains the following four substances: Tetramethylthiuram monosulfide, Disulfiram, Tetramethylthiuram disulfide, and Dipentamethylenethiuram disulfide)
- **Titanium Acetyl Acetonate** (TAA, CAS RN 17927-72-9)
- **Titanium Dioxide** (CAS RN 13463-67-7)
- **2,4,4'-Trichloro-2'-hydrodiphenylether** (Triclosan, CAS RN 3380-34-5)
- **Tris(Nonylphenyl)phosphite** (TNPP, CAS RN 26523-78-4)

Zone Industrielle C – B-7181 Seneffe (Feluy)
Tél. : +32 (0)64 51 41 11 – E-mail : research-feluy@totalenergies.com

SA TotalEnergies OneTech Belgium NV
RPM Charleroi 0438.021.316 T.V.A. BE 0438.021.316 – BNP Paribas Fortis IBAN BE48 2100 4738 2027 BIC GEBABEBB

TotalEnergies OneTech Belgium
Refining & Chemicals / Regulatory Affairs

- **TSCA Section 6(h) | US EPA :** Phenol, isopropylated, phosphate (3:1) (CAS RN 68937-41-7), Bis(pentabromophenyl) ether (CAS RN 1163-19-5), 2,4,6-tri-tert-butylphenol (CAS RN 732-26-3), Hexachlorobuta-1,3-diene (CAS RN 87-68-3), Pentachlorobenzenethiol (CAS RN 133-49-3)

However, since we do not systematically perform specific test to verify the potential presence of these substances in The Product, we cannot guarantee that there is no trace amount of these substances, as impurity or otherwise, in The Product. Moreover, it cannot be excluded that in specific conditions of processing or incineration certain of the above-mentioned substances might be generated as mentioned in the relevant safety data sheet.

Please note that you may also find information to the presence/absence of susbtances in our other documents like our Certificates for food contact applications (in Europe, Mercosur, China, Swiss), in our certificate for Toys application, in our SVHC statement or on SDS. Those certificates include information related to substances wich are under restrictions under the corresponding regulations. You may find those certificates on the website of TotalEnergies.

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.

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 December 2028. 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 rc-pol-kapsa-bxl@totalenergies.com.

We are at your disposal for any further information you may need and remain,
Yours faithfully
TotalEnergies OneTech Belgium

Zone Industrielle C – B-7181 Seneffe (Feluy)
Tél. : +32 (0)64 51 41 11 – E-mail : research-feluy@totalenergies.com

SA TotalEnergies OneTech Belgium NV
RPM Charleroi 0438.021.316 T.V.A. BE 0438.021.316 – BNP Paribas Fortis IBAN BE48 2100 4738 2027 BIC GEBABEBB