

DECLARATION OF COMPLIANCE

Product covered by this declaration

PRE-ELEC® TPE 1504

Date of the declaration

22.8.2023

REACH

European Union regulation (EC) 1907/2006 requires Registration, Evaluation and Authorization of Chemicals (REACH) manufactured and imported into the European Union, Premix Oy as a plastic granulate and article producer, is aware of REACH regulation and committed to comply with the legal obligations arising from said regulation as well as to assist its customers in doing so.

In accordance with Article 33 of REACH any supplier of an article containing a substance meeting the criteria in Article 57 (Substance of Very High Concern, SVHC) and identified in accordance with Article 59(1) (i.e. the substances on the Candidate List or on the Authorisation List/ Annex XIV) in a concentration above 0,1 % weight by weight (w/w) shall provide the recipient of the article with sufficient information, available to the supplier, to allow safe use of the article including, as a minimum, the name of that substance.

To fulfil this obligation Premix Oy hereby certifies that the product(s) covered by this declaration do not contain Substances of Very High Concern above the threshold values laid down by the REACH legislation.

We also declare that the products comply with the restrictions listed in Annex XVII of REACH regulation.

EU RoHS

A directive (2002/95/EC, RoHS) restricting the use of hazardous substances in electrical and electronic equipment (EEE) has been in force since February 2003. The RoHS recast directive (2011/65/EU, RoHS 2) was published in 2011.

The RoHS 2 restricts the use of certain hazardous substances (lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls, polybrominated diphenyl ethers) in electrical and electronic equipment (EEE). The Annex II was amended by a directive (EU) 2015/863 (RoHS 3) to add 4 phthalates onto the list of restricted substances under the RoHS 2.

As these restrictions are relevant to some of our customers, Premix Oy hereby declares that none of the products that we deliver to our customers contain any of the substances restricted by the EU RoHS regulations.

China RoHS (Administrative Measures for the Restriction of the Use of Hazardous Substances in Electrical and Electronic Products)

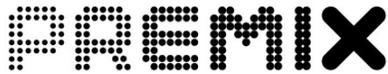
Suppliers of materials and parts that are used to manufacture electronic and electrical products do not need to mark their products. However, they need to provide necessary information to their downstream users to help them determine the final China RoHS markings. China RoHS contains

Premix Oy (HEAD OFFICE)

Muovitie 4 / P.O. Box 12
FI-05201 Rajamäki
FINLAND
Tel. +358 9 878 041
precise@premixgroup.com
www.premixgroup.com

Premix TRADING (Shanghai) Ltd

23E2, Junyao International Plaza
789 Zhaojiabang Road
Shanghai 200032
P.R China



the following substances, detailed concentration limits are set by GB/T 26572-2011. - Lead (Pb), 0.1% - Mercury (Hg), 0.1% - Cadmium (Cd), 0.01% - Hexavalent chromium (Cr6+), 0.1% - Polybrominated biphenyls (PBBs), 0.1% - Polybrominated diphenyl ethers (PBDEs), 0.1%. The products covered by this declaration are China RoHS compliant since they do not contain restricted substances above the respective limit value.

California Proposition 65

PRE-ELEC TPE 1504 contains an ingredient (Carbon Black, CAS 1333-86-4) that is known to the State of California to cause cancer when inhaled. Certain polycyclic aromatic hydrocarbons (PAHs) that may be found adsorbed onto the surface of carbon black are California Proposition 65 listed substances. Certain metals, including arsenic, cadmium, lead, mercury, and nickel, may be present on and/or in carbon black, are California Proposition 65 listed substances. Carbon-black extracts is a California Proposition 65 listed substance. This product contains also low dosage of natural derived calcium carbonate, thus some naturally occurring impurities maybe present such as crystalline silica (quartz).

The Proposition 65 listing only pertains to airborne, unbound carbon black particles and crystalline silica of respirable size. However, exposure to carbon black or crystalline silica, does not occur when it remains bound within a product matrix. This material is supplied as granules and inhalation of respirable carbon black is not expected under reasonably foreseeable conditions of use.

Premix Oy is delivering the product as a raw material for molding process. The downstream user of the raw material is responsible for the compliance for intended use.

Otherwise, to the best of our knowledge, PRE-ELEC TPE 1504 does not contain any of the chemical substances listed by the State of California on Proposition 65 ("Safe Drinking Water and Toxic Enforcement Act of 1986") list and all subsequent updates as of the date of this letter.

Packaging waste EU

These products are free from heavy metals and is recyclable as regulated by Directive 94/62 (packaging and packaging waste) and its amendments: the sum of lead, cadmium, mercury and hexavalent chromium is below 100 ppm.

Packaging Waste CONEG

The heavy metals content requirements of the Coalition of Northeastern Governors ("CONEG") Model Toxics in Packaging legislation is fulfilled. These products do not affect the recycling or burning of the plastics products they are part of.

U.S. TSCA Inventory Notification (Active-Inactive) Rule

Based on the information available to us from our raw material suppliers and our knowledge of the product compositions, we can confirm that the chemical substances(s) contained in the product(s) referenced above, are included on the EPA's Interim List of Active Substances or are otherwise exempt from retrospective notification requirements under the Final Rule.

Persistent organic pollutants (POPs)

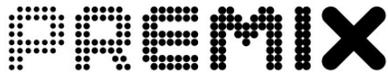
This product(s) comply with the requirements of Regulation (EU) 2019/1021 on persistent organic pollutants and persistent organic pollutants are not intentionally added.

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Biocidal Products

This product(s) does not contain biocidal products according to Regulation EU 528/2012.

Substances of animal origin

This product(s) is free from risk of transmission of BSE or TSE as regulated by EMEA 410/01 and EN 12442. Substances of animal origin are not intentionally used or added.

Substances that deplete the ozone layer

Above mention grade(s) complies the regulation (EC) No 1005/2009 of the European Parliament on substances that deplete the ozone layer and restricted substances are not intentionally added.

Halogenated substances

Halogenated substances (chlorine, fluorine, iodine, bromine or astatine containing) are not used or intentionally added during manufacturing and therefore is not expected to be present in above mentioned grade(s). Based on this, halogens could only exist in trace amounts.

Nanomaterials

Based on information provided by our raw material suppliers, the carbon blacks used in the formulations are by definition nanomaterials according to European Commission recommendation (2011/696/EU), but in contrast, according to ISO/TC 229 – Nanotechnologies the carbon black particles are not considered to be nanoparticles.

All carbon particles are bound into the polymer matrix via melt mixing process and are thus not readily available in normal conditions of the products' use. The average diameter of a PRE-ELEC granulate is 3 mm.

Conflict minerals

Conflict minerals, which contain columbite-tantalite (coltan), cassiterite, gold, wolframite and their derivative metals like sources of tin, tungsten and tantalum mined from the Democratic Republic of Congo (DRC) or its adjoining countries (DRC Countries: Angola, Burundi, Central African Republic, the Republic of Congo, Rwanda, South Sudan, Tanzania, Uganda, Zambia) are not used or intentionally added in manufacturing process during the production of this product.

VOC

We confirm that the product PRE-ELEC TPE 1504 VOC (Volatile Organic Compounds) content does not exceed 3 wt-% as regulated in 814.018: Ordinance on the Incentive Tax on Volatile Organic Compounds (OVOC).

Living Building Challenge

The Living Building Challenge Red list represents the materials, chemicals and elements known to pose serious risks to human health and the greater ecosystem that are prevalent in the building products industry. We certify that PRE-ELEC TPE 1504 does not contain any red list substances as defined at <https://living-future.org/red-list/#red-list-and-watch-list-casrn-guide>.

PFAS

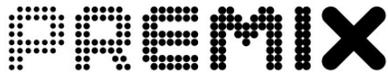
The competent authorities from Germany, the Netherlands, Denmark, Sweden and Norway submitted a restriction dossier to restrict all PFAS (per- and polyfluoroalkyl substances) on 13 January 2023. The conformity of the restriction proposal was confirmed the European Chemical

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Agency (ECHA) committees on 22 May 2023. The dossier is very comprehensive and consist of Annex XV restriction report with 7 annexes and 4 appendices. The submitted restrictions under consideration can be found at ECHA website (<https://echa.europa.eu/en/restrictions-under-consideration/-/substance-rev/72301/term>). This group of chemicals contains thousands of substances. They are persistent and bioaccumulative in the environment and generate adverse effect on human health.

We certify that PRE-ELEC TPE 1504 do not contain any per- and polyfluoroalkyl substances (PFASs) referring to Annex XV restriction proposal report. We also declare that we do not use or intentionally incorporate any PFAS substances during the production. Routine analytical testing is not conducted for the presence of these substances.

Disclaimer

The information and conclusions of this declaration are based on information provided to Premix Oy by suppliers, and on existing public information sources, such as current legislation, available at the time of publication of the declaration. The suppliers are responsible that the information provided to Premix Oy is accurate and up to date.

PREMIX OY

Mira Tuominen
Quality Manager

This document has been produced electronically and therefore does not contain a signature.

Premix Oy (HEAD OFFICE)

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FINLAND
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