#### STATEMENT ON CHEMICALS, REGULATIONS AND STANDARDS

# Polypropylene FR4852

We confirm that during manufacturing of this product we do not use or intentionally add any of the chemicals restricted by the following regulations and standards and their subsequent amendments in amounts which exceed the applicable limits.

- Annex XVII of the REACH Regulation 1907/2006/EC Restrictions on the manufacturing, placing on the market and use of certain dangerous substances, mixtures and articles
- Annex XIV of the REACH Regulation 1907/2006/EC List of substances subject to authorisation
- Directive 2000/53/EC (End of life vehicles ELV) Cr(VI), Hg and Pb < 0.1 wt%, Cd < 0.01 wt%
- Directive 2011/65/EU (Restriction of the use of certain Hazardous Substances in electrical and electronic equipment

   RoHS) and all other RoHS legislations worldwide that restrict some or all of the following substances Pb, Hg,
   Cr(VI), PBB, PBDE, DEHP, BBP, DBP, DIBP < 0.1 wt%, Cd < 0.01 wt%</li>
- Directive 2012/19/EU (Waste Electrical & Electronic Equipment WEEE) Annex VII No ingredients used which
  require selective waste treatment
- Proposition 65 list of chemicals known to the State of California to cause cancer or reproductive toxicity no warning labels are required for this product
- Regulation (EU) 2024/590 on Substances that deplete the ozone layer, repealing 1005/2009/EC
- US Clean Air Act, Title VI, Classes I and II (EPA Final Rule; Federal Register 8136, 11.2.1993) on substances that deplete the ozone layer
- Regulation (EU) 2019/1021 on persistent organic pollutants (POPs)
- Global Automotive Declarable Substance List (GADSL)
  - No use of prohibited or declarable substances above threshold limits
- Swiss SR 814.018 (Verordnung über die Lenkungsabgabe auf flüchtigen organischen Verbindungen VOCV) -VOC's according to Annexes 1 & 2 < 3 wt%</li>
- Japanese CSCL; Class I or II Specified Chemical Substances



### **Polypropylene**

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Regarding classification of the above product according to REGULATION (EC) No 1272/2008 and its subsequent amendments, reference is made in the SDS/PSIS for the above product.

We also confirm that during the manufacturing of the above product we do not use or intentionally incorporate into it any of the following materials:

Acrylamide

Aromatic Amines (restricted in Regulation

1907/2006/EC, Annex XVII)

Artificial Musks

Asbestos

Azocolorants (restricted in Regulation

1907/2006/EC, Annex XVII)

Azodicarbonamide, semicarbazide

Benzophenones (e.g. 4-MBP, 4-HBP,

2,2´-Dimethoxy-2-phenylacetophenone)

Biocides (Pesti-, Herbi-, Insecti-, Fungi-,

Bactericides) CFC, HCFC

Colophony (rosin)

4,4'- Diaminodiphenylmethane (MDA)

Di-2-ethyl-hexyl maleate (DEHM)

Dimethylfumarate (DMF), Dibutylfumarate

1,4-Dioxane

Elements: Arsenic, Beryllium, Bismuth, Cobalt, Gold,

Indium, Palladium, Selenium, Silver, Tellurium,

Thorium, Tin, Tantalum, Tungsten

Heavy metals: Cadmium, Chromium (VI), Lead,

Mercury

2-Ethylhexanoic acid, Ethoxyquin, ITX, Thiurams

Flame retardants (halogenated or phosphorus

based)

Formaldehyde or formaldehyde releasers

Fragrances Furfural Glyoxal

Isocyanates, polyurethanes Mechanically recycled materials Melamine, Cyanuric acid

Mica

Natural rubbers, Latex

Nitrosamines, Nitrates, Nitrites

Octyl- and Nonylphenols and Octyl- or

Nonylphenolethoxylates; TNPP

Organotin compounds
Oxo-degradable additives

Parabens

PBT and vPvB substances according to EC

Regulation No.1907/2006 (REACH)

PBT substances under TSCA section 6(h)

**Phthalates** 

PFAS (acc. OECD definition)

PFOA, PFOS

Plasticisers (e.g. Adipates, ESBO, NETSA)

Polychlorinated Bi-, Terphenyls and Naphthalenes Polychlorinated dibenzodioxins and dibenzofurans

Polycyclic aromatic hydrocarbons (PAH) as

restricted in Regulation 1907/2006/EC, Annex XVII

Quaternary ammonium compounds

Radioactive substances

Resorcinol

Styrene, Polystyrene

SVHC on "Candidate List of Substances of Very High

Concern for Authorisation"

Thiuram mix
Tri-tert-butylphenol

UV-hardeners (e.g. ITX, Titanyl-acetylacetone)

Vinylchloride, Vinylidenechloride, PVC, CPVC or

PVDC



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The ingredients of the above product, and if applicable the basic polymer(s), are either listed or exempted in the following chemical inventories:

Australia/AIICS
Canada/DSL
China/IECSC
Europe/EINECS or ELINCS or NLP
Japan/ENCS and ISHL
Korea/KECL
New Zealand/NZIoC
Philippines/PICCS
Taiwan/TCSI
USA/TSCA (all relevant ingredients designated as active)

Prepared by

Borealis, Group Product Stewardship

#### **Disclaimer**

To the best of our knowledge, the information contained herein is accurate and reliable as of the date of publication; however we do not assume any liability whatsoever for the accuracy and completeness of such information.

Borealis makes no warranties which extend beyond the description contained herein. Nothing herein shall constitute any warranty of merchantability or fitness for a particular purpose.

It is the customer's responsibility to inspect and test our products in order to satisfy itself as to the suitability of the products for the customer's particular purpose. The customer is responsible for the appropriate, safe and legal use, processing and handling of our products.

No liability can be accepted in respect of the use of Borealis' products in conjunction with other materials. The information contained herein relates exclusively to our products when not used in conjunction with any third party materials.

