

Polyethylene FG5223

We certify 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 **94/62/EC** (Packaging and packaging waste - PPW) and related **EN13428** and **CR13695** - Sum of Cd, Cr(VI), Hg and Pb < 100 ppm
- 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%
- 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 **1005/2009/EC** (Substances that deplete the ozone layer)
- **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), repealing 850/2004/EC
- Regulation **1169/2011/EU** - Annex II (allergens)
- Food Allergen Labelling and Consumer Protection Act of 2004 (FALCPA) - Major food allergens
- Swiss **SR 814.018** (Verordnung über die Lenkungsabgabe auf flüchtigen organischen Verbindungen - VOCV) - VOC's according to Annexes 1 & 2 < 3 wt%
- Regulation **1223/2009/EC** (cosmetic products) - prohibited and restricted substances
- Directive **2009/48/EC** (safety of toys)
- European Standard **EN 71-3:2021** "Safety of Toys", Part 3: "Migration of certain elements" - Migration below limits for toy material category III in Table 2, and **EN 71-9:2019+A1:2021** "Organic chemical compounds - Requirements" (Tables 2 A-I).
- Japanese CSCL; Class I or II Specified Chemical Substances
- Japanese PRTR law; Class I or Class II Designated Chemical Substances

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

Acrylamide	based)
Aromatic Amines (restricted in Regulation 1907/2006/EC, Annex XVII)	Formaldehyde
Artificial Musk	Fragrances
Asbestos	Furfural
Azocolorants (restricted in Regulation 1907/2006/EC, Annex XVII)	Glycol ethers (e.g. EGME, EGMEA, EGEE, EGEEA)
Azodicarbonamide, semicarbazide	Glyoxal
Benzophenones (e.g. 4-MBP, 4-HBP, 2,2'-Dimethoxy-2-phenylacetophenone)	Mechanically recycled materials
BHA or BHT	Melamine, Cyanuric acid
Biocides (Pesti-, Herbi-, Insecti-, Fungi-, Bactericides)	MOAH (mineral oil aromatic hydrocarbons)
Bisphenols and their compounds (e.g. NOGE, BFDGE, BADGE)	Nanomaterials (>50% of particles <100 nm)
CFC, HCFC	Natural rubbers, Latex
Chlorinated organic compounds	Nitrosamines, Nitrates, Nitrites
CMR substances Categories 1A, 1B according to Regulation 1272/2008/EC	Octyl- and Nonylphenols and Octyl- or Nonylphenoethoxylates; TNPP
Colophony (rosin)	Organotin compounds
4,4'- Diaminodiphenylmethane (MDA)	Oxo-degradable additives
Di-2-ethyl-hexyl maleate (DEHM)	Parabens
Dimethylfumarate (DMF), Dibutylfumarate	PBT and vPvB substances according to EC Regulation No.1907/2006 (REACH)
1,4-Dioxane	Phthalates
Elements: Antimony, Arsenic, Beryllium, Bismuth, Cobalt, Gold, Indium, Lanthanites, Nickel, Palladium, Selenium, Silver, Tellurium, Thorium, Tin, Tantalum, Tungsten	Plasticisers (e.g. Adipates, ESBO, Phthalates)
Heavy metals: Cadmium, Chromium (VI), Lead, Mercury	Polychlorinated Bi-, Terphenyls and Naphthalenes
Endocrine disruptors: Category 1 substances in the European Commission EDS database or substances identified as ED at EU level	Polychlorinated dibenzodioxins and dibenzofurans
2-Ethylhexanoic acid, Ethoxyquin, ITX, Thiurams	Polycyclic aromatic hydrocarbons (PAH) as restricted in Regulation 1907/2006/EC, Annex XVII
Flame retardants (halogenated or phosphorus	Quaternary ammonium compounds
	Radioactive substances
	Silicones (polysiloxanes)
	Styrene, Polystyrene
	SVHC on "Candidate List of Substances of Very High Concern for Authorisation"
	Thiuram mix
	UV-hardeners (e.g. ITX, Titanyl-acetylacetone)
	Vinylchloride, Vinylidenechloride, PVC, CPVC or PVDC

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The substances used in the manufacturing of the above product, and if applicable the basic polymer(s), are listed 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

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