

# COMPLIANCE STATEMENT POLYETHYLENE BB2588

## STATEMENT ON CHEMICALS, REGULATIONS AND STANDARDS – BB2588

We certify, that during manufacturing of this product, we do not use or intentionally incorporate into it, any of the chemicals as restricted by the following regulations and their subsequent amendments in amounts which exceed the applicable limits.

- Annex XVII of the REACH Regulation 1907/2006/EC (superseding Directive 76/769/EEC) – 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
- CONEG “Toxics in Packaging” Model Legislation, rev. 2012 – Sum of Cd, Cr(VI), Hg and Pb < 100 ppm
- 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 on 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 – Cr(VI), Hg, Pb, PBB, PBDE, DEHP, BBP, DBP, DIBP < 0.1 wt%, Cd < 0.01 wt%
- Directive 2012/19/EU (Waste Electrical & Electronic Equipment - WEEE, repealing 2002/96/EC) - Annex VII - No ingredients used which require selective waste treatment (Asbestos, Hg, PCB, PCT, CFC, HCFC, HFC, brominated FR, radioactive substances)
- 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/EC - Annex II (allergens)
- Global Automotive Declarable Substance List (GADSL) and VDA232-101– 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%
- Regulation 1223/2009/EC “on cosmetic products” – prohibited and restricted substances
- Directive 2009/48/EC (safety of toys)
- European Standard EN 71-3:2019 "Safety of Toys", Part 3: "Migration of certain elements" - Migration below limits for toy material category III in Table 2, and EN 71-9:2005+A1:2007 "Organic chemical compounds - Requirements" (Tables 2 A-I).
- Japan CSCL; Class I and II Specified Chemical Substances
- Japan CSCL; Priority Assessment Chemical Substances
- Japan PRTR law; Class I and II Designated Chemical Substances

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Borouge is a joint venture of ADNOC and Borealis  
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Regarding classification of the above product according to Singapore Standard SS 586 : Part 2 : 2014 (Globally Harmonized System of classification and labeling of chemicals – Singapore adaptations), reference is made in the Safety Information Sheet 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  
 Acrylonitrile or Polyacrylonitrile  
 Antimony, Arsenic, Beryllium, Bismuth and its compounds  
 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)  
 BHA or BHT  
 Biocides (Pesti-, Herbi-, Insecti-, Fungi-, Bactericides)  
 Bisphenols and their compounds (e.g. Bisphenol-A; NOGE, BFDGE, BADGE)  
 Brominated flame retardants (e.g. PBB, PBDE)  
 Cadmium, Chromium (VI), Lead, Mercury and its compounds  
 CFC, HCFC  
 Chlorinated organic compounds  
 Chlorophenols (e.g. Pentachlorophenol (PCP), 2,4,5-trichlorophenol, 6-chloro-O-cresol and derivatives)  
 Citrates (e.g. Triethyl citrate, Tributyl citrate, ATEC, ATBC)  
 Colophony (rosin)  
 CMR substances Categories 1A, 1B according to Regulation 1272/2008/EC  
 4,4'-Diaminodiphenylmethane (MDA)  
 Di-2-ethyl-hexyl maleate (DEHM)  
 Dimethylfumarate (DMF), Dibutylfumarate  
 1,4-Dioxane  
 Endocrine disruptors: Category 1 substances in the European Commission EDS database  
 2-Ethylhexanoic acid, Ethoxyquin, ITX, Thiurams  
 Formaldehyde  
 Fragrances  
 Furfural  
 Flame retardants (halogenated or phosphorus based)  
 Halogenated organic compounds  
 Genetically modified materials (GMO)  
 Glycol ethers (EGME, EGMEA, EGEE, EGEEA)  
 Glyoxal  
 Gold, Indium, Nickel, Palladium and its compounds  
 Isocyanates / Polyurethanes  
 Maleic acid, Maleic anhydride  
 Methyl Ethyl Ketone (MEK)  
 Methyl Isobutyl Ketone (MiBK)  
 Melamine, Cyanuric acid  
 MOAH (mineral oil aromatic hydrocarbons)  
 Nanomaterials (defined as >50% of particles <100 nm)  
 Natural rubbers, Latex  
 Nitrosamines, Nitrates, Nitrites\*  
 Organotin compounds  
 Octyl- and Nonylphenols and Octyl- or Nonylphenoethoxylates; TNPP  
 Parabens

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Perfluoroalkyl substances - PFAS (e.g. PFOA, PFOS)  
Phthalates  
Plasticisers (e.g. Adipates, ESBO, Phthalates)  
Polychlorinated Bi-, Terphenyls and Naphthalenes (PCBs / PCTs / PCNs)  
Polychlorinated dibenzodioxins and dibenzofurans  
PBT and vPvB substances according to EC Regulation No.1907/2006 (REACH)  
Polycyclic aromatic hydrocarbons (PAH) as restricted in Regulation 1907/2006/EC, Annex XVII  
Quaternary ammonium compounds  
Radioactive substances  
Recycled Materials  
Selenium, Silver, Tellurium, Thorium  
Silicones (polysiloxanes)  
Styrene, Polystyrene  
SVHC on "Candidate List of Substances of Very High Concern for Authorisation"  
Toluene  
Thiuram mix  
Tin, Gold, Tantalum, Tungsten  
UV-hardeners (e.g. ITX, Titanyl-acetylacetone)  
Vinylchloride, Vinylidenechloride, PVC or PVDC

\*) Quaternary ammonium compounds and nitrites may be found in used process chemicals resulting in traces of these substances in the product at concentrations below 1 ppm.

The substances used in the manufacturing of the above product, and – so far covered – the basic polymer(s), are listed/exempted in the following chemical inventories:

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

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