

COMPLIANCE STATEMENT POLYPROPYLENE RA140E

STATEMENT ON CHEMICALS, REGULATIONS AND STANDARDS - RA140E

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, 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)
- 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

Borouge Pte Ltd
1 George Street, #18-01
Singapore 049145
T +65 6275 4100 F +65 6377 1233

Borouge is a joint venture of ADNOC and Borealis
Company Registration Number 199801755H

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 Nonylphenoeth-oxylates; TNPP
 Parabens

Borouge Pte Ltd
 1 George Street, #18-01
 Singapore 049145
 T +65 6275 4100 F +65 6377 1233

Borouge is a joint venture of ADNOC and Borealis
 Company Registration Number 199801755H

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

*) DEP, DEHP may be used in the catalyst system, which may result in traces of these phthalates in the product, typically in 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 / AIIC
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)

Prepared by: Product Stewardship Specialist
Date prepared: 14/12/2020
Document No.: CHSE-CS-265
Rev. No.: 5

For more information:
Website: www.borouge.com | Email: product.stewardship@borouge.com

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.

This Statement is not intended and should not be construed as a warranty or representation of any kind for which Borouge would assume legal responsibility. Without anyway limiting the abovementioned, Borouge gives no warranties and makes no representations as to the merchantability or fitness for a particular purpose or application of Borouge products.

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 Borouge 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.

All terms and conditions regarding the supply of Borouge products shall be subject to Borouge General Sales Terms.