DYTEK® HMD: Regulatory Data Sheet

DYTEK® HMD Conflict Minerals Statement:
Based on our knowledge we advise you that INVISTA does not intentionally include the chemicals identified in your inquiry (see list below) in the manufacture of DYTEK® HMD.

Gold
Tin
Tungsten
Tantalum
Cassiterite
Wolframite
Columbite-tantalite

Please note, however, that INVISTA does not analyze DYTEK® HMD for the chemicals identified in your inquiry.

DYTEK® HMD Global Inventory Status:
Be advised that DYTEK® HMD is present on the following global inventories:

Australia (AICS)
Canada (DSL)
China (IECSC)
European Union (EINECS)
Japan (ENCS)
Japan (ISHL)
New Zealand
Philippines (PICCS)
United States (TSCA) (Active)
Korea (KECI)
Taiwan (TCSI)

DYTEK® HMD Restricted Substances:
DYEK® HMD is an industrial use chemical. Based on our knowledge, we advise you that INVISTA does not include as an intentional additive or ingredient the materials identified in your inquiry (see below list) in the manufacture of DYTEK® HMD.

Antimony and antimony compounds
Arsenic and arsenic compounds
Beryllium and cadmium compounds
Bismuth and bismuth compounds
Cadmium and cadmium compounds
Cobalt and cobalt compounds
Gold (Au)
Hexavalent chromium compounds
Lead and lead compounds
Mercury and mercury compounds
Nickel compounds (Except for metallic nickel)
Selenium and selenium compounds
Tantalum (Ta)
Tin (Sn) and specified organic tin compounds (TBTO, TBT, TPT)
Dibutyltin (DBT) compounds
Dioctyltin (DOT) compounds
Tungsten (W)

Polybrominated biphenyls (PBB)
Polybrominated diphenylethers (PBDE)
Brominated flame retardants (other than PBBs, PBDEs)
Hexabromocyclododecane and all major diastereoisomers identified
Polychlorinated biphenyls (PCB), Polychlorinated terphenyls (PCT)
Short-chain chlorinated paraffins (SCCP)
Polychlorinated naphthalenes (PCN) (Cl≧ 3)
Polyvinyl chloride (PVC)

Formaldehyde
Asbestos
Ozone depleting substances (ODS)
Radioactive material
Fluorinated greenhouse gases (HFC, PFC, SF6)
Per- and Polyfluorinated Substances (PFAS)

Phthalates (phthalic esters)
Dimethyl fumarate (DMF)
Anthracene
Hexachlorobenzene
2-(3',5'-Di-tert-butyl-2'-hydroxyphenyl) benzotriazole
Potassium titanium oxide (K2Ti6O13)
hydrocarbons (PAH)
Timiperone (DTTB)
Hexachloroethane
Tris (2,3-dibromopropyl) phosphate (TDBPP)
Tris (1-aziridinyl) phosphine oxide (APO)
TCEP - Tris (2-chloroethyl) phosphate；Tris (β-chloroethyl) phosphate；Tris (1-chloroethyl) phosphate
TDCPP - 2-Propanol, 1,3-dichloro-, phosphate (3:1)；Tris (1,3-Dichloro-2-propyl) phosphate；1,3-Dichloro-2-propano phosphate (3:1)；1,3-Dichloro-2-propanol phosphate
Perfluorooctanoic acid (PFOA) and its salts, its esters
Halogens and halogen compounds

List of specific amine compounds below:
4-aminoazobenzene
o-anisidine
2-naphthylamine
3,3'-dichlorobenzidine
4-aminodiphenyl
benzidine
o-toluidine
4-chloro-o-toluidine; 4-chloro-2-methylaniline
2,4-toluylenediamine; 4-methyl-m-phenylenediamine
o-aminoazotoluene
5-nitro-o-toluidine
4,4'-methylene-bis-(2-chloroanilene)
4,4'-methylenedianiline
4,4'-oxideaniline
p-chloroaniline
3,3'-dimethoxybenzidine
3,3'-dimethylbenzidine
2-Methoxy-5-methylaniline
2,4,5-trimethylaniline
4,4'-thiodianiline
4,4'-diaminodiphenylsulfide
2,4-diaminoanisole
4,4'-diamino-3,3'-diphenylmethane
2,4-Dimethylaniline

2,6-Dimethylaniline
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear (CAS#: 68515-50-4)
Cadmium chloride (10108-64-2)
Sodium perborate; perboric acid, sodium salt (15120-21-5 / 11138-47-9)
Sodium peroxometaborate (7632-04-4)

Volatile organic compound (VOC) below:
Methyl bromide
Phosphine
Sulfuryl fluoride
Trichloronitromethane
Benzene
Toluene
1,2-Dichloroethane
Methyl chloride

Latex
DEHP, DINP, DIDP, Bisphenol A, melamine
Beta-lactams
Cytotoxic compounds
Hormones
Diacetyl (2,3-butanedione)
Alylamine Ethoxylate (ANEO)
Dioxins (and PCBs or Aflatoxins)
Oil
Glycerine
Proteins derived from Jatropha
Polytetrafluoroethylene (PTFE) Powder

Annex XVII – Substances restricted under REACH
Annex XIV – Authorisation list
California Proposition 65
Canadian Toxic Substances List – Schedule 1
Directive 94/62/EC & Coalition of Northeast Governors (Packaging and Packaging Waste)
Global Automotive Declarable Substance List (GADSL)
Directive 2000/53/EC (ELV)
CLP Regulation (CMRs)
Alkylphenol ethoxylates (APEO)
Allergenic and sensitizing substances restricted from use in toys
Allergens
Aromatic amines
Azo dyes and colorants
Benzotriazole
Biocides, triclosan, and silver and silver compounds
Bisphenol A (BPA) derivatives (monomeric)
Bisphenols
Chlorinated solvents including Carbon tetrachloride and 1,1,1-trichloroethane
Colophony/Colophinium
Crystalline Silica
Endocrine disrupting substances banned or restricted by REACH and 2009/425
Furfuryl alcohol
Genetically Modified Organisms (GMO)
Halogen-free phosphorus based organic flame retardants
Hydrofluorocarbons
Methyl isocyanate (MIC) and materials emitting MIC during use
Nanomaterials and materials containing nanomaterials
Nonylphenol ethoxylates (NPEO)
Organotin compounds
Organobromine compounds including

Tetrabromobisphenol-A-bis-(2,3-dibromopropyl ether) (TBBP-A-bis)
Organochlorine compounds including
Mirex
Perfluorooctane Sulfonates (PFOS) its salts
Persistent bioaccumulating toxics and very Persistent and very Bioaccumulating substances banned or restricted per REACH and 850/2004
Refrigerants and blowing agents banned under 842/2006
Silicone

Substances on the SIN-list not already covered otherwise
Talc
Tetrahydrofuran (THF)
Toluenediisocyanate (TDI)
Trichlorophenol (TCP)
Zinc

Allergens listed in Annex II of EU Directive 1169/2011
Reference: http://www.legislation.gov.uk/eur/2011/1169/annex/ii

Regulation (EU) No 2019/1021 of the European Parliament and of the Council concerning Persistent Organic Pollutants (POPs)

- Annex I, II, III, IV

Reference: http://www.legislation.gov.uk/eur/2019/1021

(Waste Electrical and Electronic Equipment) WEEE Directive (2012/19/EU)

- Annex VII

Reference: http://www.legislation.gov.uk/eudr/2012/19/contents

ODS Regulation (2009/1005/EC) Regulation (EC) No 2037/2000 of the European Parliament and of the Council of 29 June 2000 on substances that deplete the ozone layer
Reference: https://eur-lex.europa.eu/eli/reg/2009/1005/2017-04-19

Regulation (2011/10/EU) on plastic materials and articles intended to come into contact with food
Reference: http://www.legislation.gov.uk/eur/2011/10/contents

Please note however, that INVISTA does not analyze DYTEK® HMD for the materials identified in your inquiry on a routine basis.

DYTEK® HMD RoHS Statement:
This note concerns compliance with European Directive 2015/863/EU as amended (RoHS Directive). This directive places restrictions on the maximum concentration of lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBB), polybrominated diphenylethers (PBDE), Bis(2-Ethylhexyl) phthalate (DEHP), Benzyl butyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP) in electrical and electronic equipment.
Link: http://ec.europa.eu/environment/waste/rohs_eee/legis_en.htm

Cadmium (Cd)
Mercury
Lead (Pb)
Hexavalent chromium (Cr6+)
Polybrominated biphenyls (PBB)
Polybrominated diphenyl ethers (PBDE)
Bis(2-Ethylhexyl) phthalate (DEHP)
Benzyl butyl phthalate (BBP)
Dibutyl phthalate (DBP)
Diisobutyl phthalate (DIBP)

We advise you that INVISTA does not include as an intentional additive or ingredient in DYTEK® HMD the chemicals identified above the levels indicated in the RoHS Directive.

DYTEK® HMD SVHC Statement:
Based on our knowledge, we advise you that DYTEK® HMD is not listed as a SVHC substance on the EU Candidate List of Substances of Very High Concern (as updated on 23 January 2024 http://echa.europa.eu/candidate-list-table). INVISTA does not include as an intentional additive or ingredient any SVHC substances in the manufacture of DYTEK® HMD.

Please note however, that INVISTA does not analyze DYTEK® HMD for SVHC substances on a routine basis.