

Owner
Hanna Duraku

 Approval Date
19/10/2017

 No.
T11645-08 UEN

 Version
8

 Security
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 Approved by
Head of Sustainability

 Related
50087402

Prohibited substances – The Telia Company Black list

In addition to legal bans of certain chemicals and materials the following substances must not be found in products and services to Telia Company, nor must they be found in contracting or the manufacturing processes of these products and services. This refers to any deliberate use of the substance specified but does not apply in cases where a substance constitutes of impurities of low concentration¹.

To be noted: All chemicals used in contracting are to be evaluated separately, according to specific procedures and risk assessments.

Banned and restricted substances			
Group	Substance	CAS no ²	Banned usage
	2-benzotriazole-2-yl-4,6-ditert-butyl-phenol	3846-71-7	All applications
	4,4'-diaminodiphenylmethane (MDA)	101-77-9	All applications
Arsenic/arsenic compounds ³		Several	In wood preservation substances
Asbestos		Several	All applications
Azocolourants and azodyes that can decompose to carcinogenic aromatic amines ⁴		Several	All applications
	Benzidine incl. salts, 4-aminobiphenyl incl. salts, thiocarbamide, phenyl -β- naphthyl amine	Several	All applications
	Benzyl butyl phthalate (BBP)	85-68-7 201-622-7 (EC)	All applications
	Bis (2-ethylhexyl)phthalate (DEHP)	117-81-7 204-211-0 (EC)	All applications
Cadmium and cadmium compounds		Several	All applications except of batteries for special applications ⁵

¹ The maximum allowed concentration by weight of the substances are <0,1% in homogeneous materials (in cables, connector pipes and joint plates, pigment in crystal glass, in lead petrol, in polymers and in electronic equipment if not stated otherwise).

Exemption: Maximum allowed concentration by weight of Cadmium: <0,01%.

For allowed concentrations of Chrome in Cement and Cadmium and Mercury in batteries, please contact Telia Company for additional information.

² EC number if available

³ Arsenic and arsenic compounds on trace element level is acceptable.

⁴ EU Directive 2002/61/EC

⁵ Exception: Nickel-cadmium batteries in stationary applications where other types of batteries is not suitable due to extreme temperatures or charging procedures. Approval is required.



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Chromium (VI) compounds	Chromium(VI) compounds: lead chromate in general, and chromium(VI) compounds in pigments	Several	All applications
	Cobalt dichloride ⁶	7646-79-91	All applications
Creosote			All applications except for wood preservation (poles)
	Dibutyl phthalate (DBP)	84-74-2 201-557-4 (EC)	All applications
	Dimethylfumarate (DMFu)	624-49-7	All applications
Dieldrin			All applications
	Formaldehyde	50-00-0	Preservative in wood ⁷ .
Lead/ Lead compounds		Several	All applications except for lead acid batteries and lead sheathed cable maintenance ⁸
CFCs – Chlorofluorocarbons		Several	All applications
Halons		Several	All applications
HCFCs – Hydrochlorofluorocarbons		Several	All applications
	Bromochloromethane	74-97-5	All applications
	Carbon tetrachloride	56-23-5	All applications
	Methyl bromide	74-83-9	All applications
	n-bromopropane	106-94-5	All applications
	Tetrachloroethylene	127-18-4	All applications
	1.1.1-trichloroethane	71-55-6	All applications
	Trichloroethylene	79-01-6	All applications

⁶ Note: Restricted under EC no 231-589-4

⁷ Formaldehyde level <0.124 mg/m³ air (E1-norm according to test method EN 717-1) or <3.5 mg/m³ air (test method EN 717-2).

⁸ EU RoHS directive accepts concentration by weight <0,1% in homogeneous materials such as cables, connector pipes and joint plates, as pigment in crystal glass, in lead petrol and as additives in polymers and solders in electronic equipment.

Stated exemptions in Annex III to the RoHS directive, 2011/65/EU, and its amendments can be used until Telia Company communicates otherwise. Suppliers must inform Telia Company in advance of the delivery regarding material content!

Telia Company takes a restrictive standpoint towards use of lead in solders in servers, storage and array systems, network infrastructure equipment for switching, signaling, transmission as well as network management for telecommunication. The RoHS exemption 7b may only be used in deliveries under specific situations agreed by Telia Company in advance.

Lead plates can be used in lead shielded cable repair if lead free alternatives do not exist.



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	1,2,4-Trichlorobenzene (TBC)	120-82-1	All applications
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified		25637-99-4 3194-55-6 134237-50-6 134237-51-7 134237-52-8	All applications
Isocyanates		Several, for instance in thermoplastics and urethanes	All applications. Allowed in manufacturing processes
Lindane		Several	All applications
Mercury/ Mercury compounds		Several	All applications
Perfluorooctane sulfonic acid and its derivatives (PFOS)		Several	All applications
	Nonylphenol	25154-52-3	All applications
	Nonylphenol ethoxylate (Nonylphenolpolyglycolethers)	9016-45-9	All applications
	Nonylphenolethoxylates Organostannic compounds		All applications
	Acrylamide	1979-06-01	All applications
PBB – Polybrominated biphenyls		Several	All applications
PBDE – Polybrominated diphenylethers (including deca-BDE)		Several	All applications ⁹
Phthalate plasticisers		Several	All applications
Polychlorinated Biphenyls (PCB)		Several	All applications
Polychlorinated Naphtalenes (PCN)		Several	All applications
Polychlorinated Terphenyls (PCT)		Several	All applications
	Short Chained Chlorinated Paraffins (C10-C13)	85535-84-8	All applications
	Tris (2-chloroethyl) phosphate	115-96-8	All applications
Tri-substituted organostannic compounds (including Tributyl tin and Triphenyl tin compounds)		Several	All applications
Herbicides, i.e. Glyphosate and others		Several, for instance 1071-83-6 and 38641-94-0	Construction work and real estates

⁹ Reactive appointed TBBP exemption to the ban.


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PURPOSE

The purpose of The Telia Company Black list is to ensure that Telia Company is in compliance with its environmental policy, existing and anticipated environmental legislation and with market requirements.

SCOPE

This Instruction applies to Telia Company AB and its Subsidiaries.

TERMS AND ABBREVIATIONS

Terms and abbreviations	Definition
REACH	Regulation of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals
CAS	Chemical Abstract Service
EC Number	European Community number
RoHS	Restriction of Hazardous Substances Directive

NOTE! For further information, also read the *Supplier Code of Conduct*, *Group Policy – Environment*, *Group Instruction - Environment* and the *Instruction – Substances that are to be avoided – The Telia Company Grey List*.

