Global SICK Standard on Restricted Substances and their Declaration in Materials

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1 Definitions

Definition	Explanation
Products in scope	Within the scope of application are all hardware products that remain in the end product of the purchaser ("SICK"). This includes specifically production materials, auxiliary and operating materials, product packaging, merchandise products and materials. Excluded are products which, due to their type, do not fall under any of the regulations specified in section 4 and for which it can be assumed that they will only be used internally within SICK, e.g: Work clothing, protective equipment, office supplies, office furniture, production facilities or customer services, etc.
Homogeneous material (RoHS)	One material of uniform composition throughout or a material, consisting of a combination of materials, that cannot be disjointed or separated into different materials by mechanical actions such as unscrewing, cutting, crushing, grinding and abrasive processes.
Article (REACH)	An object which during production is given a special shape, surface or design which determines its function to a greater degree than does its chemical composition.

1.1 Related documents

Document	Link	ID
SICK substance list pursuant to IEC 62474	https://www.sick.com/de/en/procurement/w/procurement/	0000121706

2 Scope of application

The SICK substance list pursuant to IEC 62474, which is part of the Global SICK Standard on Restricted Substances and their Declaration in Materials, must be complied with by all suppliers who deliver products within the scope.

Other statutory or legal obligations, in particular registration and labelling obligations as well as quantity declarations in accordance with the statutory provisions applicable to the Purchaser's place of business and the European Union, must also be complied with.

3 Information duties of the supplier

The supplier is obliged to inform the responsible SICK purchasing department or the purchaser of the service immediately in writing if this standard or substance restrictions derived from it cannot be complied with.

The SICK substance list pursuant to IEC 62474 in the version valid at the time of delivery is authoritative.

4 Substance restrictions and declaration obligations in materials

4.1 SICK substance list pursuant to IEC 62474

The IEC 62474 - Material Declaration for Products of and for the Electrotechnical Industry names the most important substance restrictions for the entire electrical and electronics industries and includes EU und non-EU substance restrictions.

Not all the requirements listed in IEC 62474 are relevant to SICK, so SICK has transferred the applicable requirements to its own list, the SICK substance list pursuant to IEC 62474. Available on the German and English language website of SICK Germany.

https://www.sick.com/de/en/procurement/w/procurement/

The SICK substance list pursuant to IEC 62474 is updated regularly and applies in the version valid at the time of delivery. Before accepting the order, the supplier is obliged to find out whether it has the current version of the SICK substance list pursuant to IEC 62474.

The substances named in the SICK substance list pursuant to IEC 62474 may not be present at the time of delivery or may be present up to the limit values permitted in the underlying regulations. The limit values specified apply to the homogeneous material or to the article (e.g., REACH candidate list) and not to the entire product.

RoHS exemptions and SVHC substances should only be used if no equivalent technical alternatives are available. If permissible exemptions regarding substance concentrations are applied (e.g., RoHS exemptions according to 2011/65/EU Annex III, IV) or if SVHC substances (REACH candidate list) are contained in a concentration greater than 0.1% (weight percentage), the supplier must report them to SICK in writing (ideally as part of the declaration of conformity).

4.1.1 EU regulations in the SICK substance list pursuant to IEC 62474

Substance restrictions of the EU regulations, incl. non-EU substance restrictions with identical substance prohibitions, comprise more than 95 % of the substance restrictions within the SICK substance list pursuant to IEC 62474.

Abbreviation	Regulation	Scope
REACH	Regulation (EU) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals REACH candidate list – Substances of Very High Concern (SVHC) Available at: https://echa.europa.eu/candidate-list-table	All products in the scope as defined on page 1.
RoHS	Directive (EU) No 2011/65 on the restriction of the use of certain hazardous substances in electrical and electronic equipment	All products in the scope as defined on page 1.
POP	Regulation (EU) No 2019/1021 on persistent organic pollutants	All products in the scope as defined on page 1.
Ozone R	Regulation (EU) No 2024/590 on substances that deplete the ozone layer	All products in the scope as defined on page 1.
F-gas R	Regulation (EU) No 2024/573 on certain fluorinated greenhouse gases	All products in the scope as defined on page 1.
Euratom	Council Directive 2013/59/Euratom - European Directive on Radiation Protection	All products in the scope as defined on page 1.
Batterie R	Regulation (EU) 2023/1542 concerning batteries and waste batteries	Batteries

4.1.2 Non-EU regulations in the SICK substance list pursuant to IEC 62474

Abbreviation	Regulation	Scope	Substance restrictions
Proposition 65	[USA California] Safe Drinking Water and Toxic Enforcement Act of 1986	Cables/cords with thermoset or thermoplastic coatings	0.03 mass% of Lead/Lead Compounds in surface coating material
		All products in the scope as defined on page 1.	Di-isodecyl phthalate (DIDP), Diisononyl phthalate (DINP)
		No ban on the substances, but warning required if present.	
	[Canada] Products containing Mercury Regulations SOR/2014-254	Batteries	0.0005 mass% of total Hg in homogenous material
TSCA	[USA] Toxic Substances Control Act	All products in the scope as defined on page 1.	Phenol, Isopropylated Phosphate (3:1) (PIP (3:1))

Further non-EU regulations are available in the SICK substance list pursuant to IEC 62474 but are already covered by the substance restrictions of the above-mentioned EU regulations and are therefore no longer listed here.

4.1.3 Additional legal substance restrictions and legal obligations (not covered in the IEC 62474)

Abbreviation	Regulation	Scope
Mercury R	Regulation (EU) No 2017/852 on mercury	All products in the scope as defined on page 1.
Packaging D	Directive No. 94/62/EC on packaging and packaging waste	Packaging
PPWR	Regulation (EU) 2025/40 on packaging and packaging waste (valid from August 12, 2026)	Packaging
WEEE	Directive (EU) No 2012/19 Waste of Electrical and Electronic Equipment	Electrical and electronic equipment as defined in the scope of the Directive.

5 Final provisions

Should individual parts of this Global SICK Standard on Restricted Substances and their Declaration in Materials be or become invalid or unenforceable, the remaining conditions and the underlying contract shall not be affected in their other existence. If any provision of this global standard or of the underlying contract is invalid with regard to mandatory applicable law in the Contractor's country, the Contractor undertakes, upon request, to agree with SICK on such amendments to the contract and to make such declarations to third parties or authorities as will ensure the validity of the provision concerned and, if this is not possible, its economic content also under the foreign law.