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# MEMPHIS Electronic GmbH

## REACH \* Notification Jun 2023

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The European Regulation 1907/2006 on the Registration, Evaluation, Authorization, and Restriction of Chemicals (REACH \*\*\*) entered into force on 1st of June, 2007.

Most of our products, inclusive their accessories kits, components and packaging, we are placing in the market are “products” in the meaning of REACH.

In accordance with Article 7 our products are not applicable for pre-registration objects. The total amount of the substance present in all articles produced and/or imported, which contain more than 0.1% weight by weight (w/w) of the substance, do not exceed 1 tonne per year. Additionally, the materials used in our products are not intended to be released under normal or reasonably foreseeable conditions of use.

Article 33 of REACH requires suppliers to inform recipients and respond to consumer enquiries if an article contains more than 0.1% weight by weight (w/w) of any substance on the candidate list of Substances of Very High Concern (SVHC).

In accordance with Article 3 article means 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. Therefore, an article in the meaning of REACH can be part of a product.

Under the scope of Article 59 of REACH the “list of candidates” of very high concern substances (SVHC\*\*) has last been published on the **14th of Jun, 2023**, by the European Chemicals Agency (ECHA) with currently **235 substances** at

<http://echa.europa.eu/candidate-list-table>

We need to inform that our products may be assembled with articles that do contain the substances listed in the scope of REACH regulations in concentrations higher than 0.1 % weight by weight (w/w) as shown on the next page:

Name of substance	EC No.	CAS No.	Date of inclusion	intrinsic property referred to in Art. 57	Decision	Comment / usage
1-Methyl-2-pyrrolidone (NMP)	212-828-1	872-50-4	20/06/2011	Toxic for reproduction (Article 57c)	ED/31/2011	EEPROM
Diboron trioxide	215-125-8	1303-86-2	18.06.2012	Toxic for reproduction (Article 57c)	ED/87/2012	Resistor / Array Chip Resistor / Resistive layer / glass lead frit / EEPROM
Lead monoxide (lead oxide)	215-267-0	1317-36-8	19.12.2012	Toxic for reproduction (Article 57c)	ED/169/2012	Resistor / Array Chip Resistor / Resistive layer / glass lead frit / EEPROM
Lead titanium trioxide	235-038-9	12060-00-3	19.12.2012	Toxic for reproduction (Article 57c)	ED/169/2012	Resistor / Array Chip Resistor / Resistive layer / glass lead frit / EEPROM
Hexahydromethylphthalic anhydride	247-094-1	25550-51-0	19.12.2012	Respiratory sensitising properties (Article 57(f) - human health)	ED/169/2012	EEPROM
4,4'-isopropylidenediphenol Bisphenol A; BPA	201-245-8	80-05-7	12.01.2017	Toxic for reproduction (Article 57c) Endocrine disrupting properties (Article 57(f) - environment) Endocrine disrupting properties (Article 57(f) - human health)	ED/30/2017 ED/01/2017 ED 01/2018	BGA package / Chip resistor / EEPROM / Buffer IC
Lead	231-100-4	7439-92-1	27.06.2018	Toxic for reproduction (Article 57c)	ED 61/2018	solder paste / Resistor / Array Chip Resistor / Resistive layer / Diode / EEPROM / Buffer IC
Decamethylcyclotetrasiloxane (D5)	208-764-9	541-02-6	27.06.2018	PBT (Article 57d) vPvB (Article 57e)	ED 61/2018	DRAM IC
Octamethylcyclotetrasiloxane (D4)	209-136-7	556-67-2	27.06.2018	PBT (Article 57d) vPvB (Article 57e)	ED 61/2018	DRAM IC
2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	400-600-6	71868-10-5	16.01.2020	Toxic for reproduction (Article 57c)	ECHA/01.2020 (ECHA_01_2020.pdf)	EEPROM

In addition, Memphis Electronic undertakes regular reviews and checks within the supply chain to ensure the necessary quality controls are in place. If necessary, we will notify our customers of any changes that may affect the safe usage of our products.

\* REACH - Registration, Evaluation, Authorization of Chemicals

\*\* Substances of very high concern.

\*\*\* European Regulation No. 1907/2006 of the European Parliament and the council at December 18, 2006 for registration, assessment, approval and restriction of chemical substances (REACH)

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2007:136:0003:0280:EN:PDF>

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