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Smart Infrastructure Digital Grid

Dear Customer,

We are pleased to provide the following information concerning Regulation (EC) No 1907/2006 (hereinafter called "REACH").

REACH¹ currently defines the following duties that are of relevance in the supply chain:

- Manufacturers and importers of substances (as such or in mixtures⁵) must register these substances with the European Chemicals Agency (ECHA) if the substances in question are manufactured or imported in quantities > 1 t/a².
- Producers and importers of articles³ that are intended to release a substance under normal or reasonably foreseeable conditions of use must register the substance concerned if the total content in the articles is > 1 t/a.
- Substances subject to mandatory registration that had been pre-registered by 1 December 2008 must be registered at specified later times.
- Suppliers of chemicals (substances and mixtures⁴) must provide the recipient either with a safety data sheet according to Article 31 or with safety information according to Article 32.
- According to Article 33, suppliers of articles must provide their recipients of articles and, upon request, their consumers with information about substances on the Candidate List
 (http://ECHA.europa.eu/web/guest/candidate-list-table) if the articles contain > 0.1 % weight by weight of the substances concerned⁵.
- Downstream users (users of chemicals) have a duty to communicate information to their suppliers under Article 34 and also have rights and obligations according to Article 37ff.

Siemens SI DG complies with the legal requirements defined in REACH as well as those defined in all other applicable regulations and provisions. Siemens SI DG pre-registers all substances subject to mandatory registration that it manufactures itself or imports on the due date and will register them at the specified time where necessary.

Where necessary, it has been ensured that our suppliers have been informed of the applicable duties under REACH. We cannot confirm when or if the manufacturers or importers of the substances that we use or provide to you, as such or in mixtures⁵, will register. REACH does not in fact require our suppliers to provide this information.

Furthermore REACH does not require pre-registration numbers to be passed on as proof of pre-registration (nor would this be useful in any case, given the structure of the pre-registration number⁶). However, we will endeavor to ensure the continued supply of the necessary chemicals through communication with our chemicals suppliers. REACH could result in substances becoming unavailable for economic reasons and hence to changes in the composition of mixtures⁵.

Siemens AG Smart Infrastructure; Management: Cedrik Neike Digital Grid; Management: Sabine Erlinghagen, Robert Klaffus Siemensstadt Wernerwerkdamm 5 13629 Berlin Germany Tel.: +49 (30) 386 0 www.siemens.com

¹ REACH applies within the customs territory of the European Community as well as in Iceland, Liechtenstein and Norway

² The quantities relate to each legal person within the area of applicability of REACH.

³ Concerning the definition of "article", see "Terms and Definitions"

⁴ Formerly known as preparations

⁵ See <u>BDI-Helpdesk: REACH</u> Topic 3.2.4 is also available in English within the German document.

⁶ However, the registration numbers of substances must be mentioned by suppliers once the substances are registered. See also ECHA "Guidance on the compilation of safety data sheets", https://echa.europa.eu/documents/10162/23036412/sds en.pdf/01c29e23-2cbe-49c0-aca7-72f22e101e20

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We have absolutely no influence over this and are still not in a position to assess the implications thereof.

REACH does not require the appointment of a "REACH representative" to act as a central point of contact for customers. Responsibility for communication with our customers remains with our sales organization, which uses internal specialist expertise in relation to REACH.

We comply fully with all substance restrictions in Annex XVII and restrictions defined in other regulations and provisions that apply with our articles.

You procure articles from us that are subject to the following provisions:

- Substances contained in our articles may have to be registered by manufacturers located within the
 geographical scope of REACH or by importers if those substances are intended to be released (e.g. ink
 of a ball pen, extinguishing agent of a fire extinguisher). Substances as part of a material in imported
 articles do not have to be registered.
- The articles do not contain substances that are intended to be released under normal or reasonably foreseeable conditions of use.
- The current version of the Candidate List is published on the ECHA website: http://ECHA.europa.eu/web/guest/candidate-list-table.⁷

Substances of the Candidate List

The following substances can be found in our products in a concentration more than 0.1 % w/w, based on the weight of the single articles in our products:

Substance name	CAS-Number
Lead monoxide (lead oxide)	1317-36-8
Silicic acid, lead salt	11120-22-2
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4- stannatetradecanoate (DOTE)	15571-58-1
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	-
Lead titanium zirconium oxide	12626-81-2
4,4'-isopropylidenediphenol [Bisphenol A; BPA]	80-05-7
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and /or combinations thereof]	-
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-	-

⁷ See <u>European Chemicals Agency (ECHA)</u>.

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methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]

Orange lead (lead tetroxide)

1314-41-6

Diboron trioxide

1303-86-2

1,6,7,8,9,14,15,16,17,17,18,18-

13560-89-9

Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]

Lead

7439-92-1

2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one

71868-10-5

With this declaration we fulfill our information duties according to Article 33. This declaration is based on our current knowledge and experience. We take neither liability nor warranty for factors beyond our knowledge and control.

With kind regards,

Siemens Aktiengesellschaft

Berlin/Nuremberg

2020-07-21

Place

Date of issue

Michael Kläring

Head of Manufacturing

Ingo Erkens

Head of Development