

September 2018

Presence of REACH Candidate List Substances

Danfoss supports the objectives of REACH and has a process to ensure compliance with the EU regulation for **Registration, Evaluation, Authorization and restriction of CHemicals** as described in the [Danfoss Position on REACH](#), available at our website www.Danfoss.com

REACH requires that suppliers inform their customers if an article contains a substance on the REACH Candidate List in a concentration above 0.1% (w/w). The Candidate List is published on the website of the European Chemicals Agency (ECHA) and is updated every six months. The most recent Candidate List, published on June 27th, 2018 adds 10 new SVHCs to the Candidate List, resulting in a total of 191 entries.

Silicone gel and sealant used for encapsulation in Danfoss Silicon Power (DSP) power modules contain Octamethylcyclotetrasiloxane (D4), [CAS 556-67-2](#), Decamethylcyclopentasiloxane (D5), [CAS 541-02-6](#), and Dodecamethylcyclohexasiloxane (D6,) [CAS 540-97-6](#) in a concentration above 0.1 % w/w.

Metallic lead, [CAS 7439-92-1](#), has been used for many years in the power module industry, e.g. in brass.

You should assume that DSP articles within the following product categories contain Siloxanes (D4, D5, D6) and metallic lead (Pb) in a concentration above 0.1% (w/w):

Product type *	D4, D5, D6	Pb
1x07xx	x	x
1x15xx	x	-
1x16xx	x	x
1x17xx	x	x
1x19xx	x	-
1x20xx	x	x
1x26xx	x	-

Product type *	D4, D5, D6	Pb
1x27xx	x	x
1x28xx	x	x
1x37xx	x	-
1x40xx	x	-
1x42xx	x	-
1x49xx	x	-
1x51xx	x	x

The above statement intends to meet our communication requirements in REACH, Article 33. Should you require further information or have any questions on the affected product categories, please contact your sales representative. For more information about REACH see www.echa.europa.eu



Reiner Hinken
Compliance Representative Danfoss Silicon Power

* The product type is coded in the last six digits of the product name (which is given on the product data sheet): The relevant digits are the third and fourth last ones (underlined digits). Example: DP15F1200TO101910 => 101910 => 1x19xx