

Reach Statement Registration, Evaluation, Authorization and Restriction of Chemicals

On January 17, 2023 the ECHA added nine substances to the SVHC Candidate list. It now includes 233 substances. None of the new substances are intentionally added to any SEKISUI Voltek products.

REACH is a European Community Regulation on chemical and their safe use (EC 1907/2006). It deals with the Registration, Evaluation, Authorization and Restriction of Chemicals. The new European law became effective on June 1, 2007.

REACH is designed to improve the protection of human health and the environment through the better and earlier identification of the intrinsic properties of chemical substances. At the same time, innovative capability and competitiveness of the EU chemicals industry should be enhanced. The benefits of the REACH system will come gradually, as more and more substances are phased into REACH.

SEKISUI Voltek, LLC supports the goals of REACH.

REACH deals primarily with substances, defined in REACH as “a chemical element and its compound in the natural state or obtained by any manufacturing process, including additives necessary to reserve its stability and any impurity deriving from the process used, but excluding any solvent which may be separated without affecting the stability of the substance or changing its composition” (Article 3.1 REACH).

Volara®, Volextra® and VolaraBLOCK® are considered Articles, as defined in REACH [as “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” (Article 3.3 REACH)].

Periodically, a list of Substances of Very High Concern, SVHC will be issued. Articles containing SVHC's must be registered.

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Because we cannot anticipate or control the many different conditions under which this information and our products may be used, we do not guarantee the applicability of the accuracy of this information or the suitability of our products in any given situation. Users of our products should make their own tests to determine the suitability of each product for their particular purposes. The products discussed are sold without warranty, either expressed or implied, and buyer assumes all responsibility for loss or damage arising from the handling and use of our products, whether done in accordance with directions or not. Also, statements concerning the possible use of our products are not intended as recommendations to use our products in the infringement of any patent.

SVHC Statement Substances of Very High Concern

Any substance on the Candidate List requires manufacturers and importers to notify their customers of the presence of any Substances of Very High Concern (SVHC) in their products exceeding 0.1% by weight and provide instructions on safe use of the product.

On December 19, 2012, the ECHA updated the Candidate List of SVHC's which at the time contained 138 substances. At that time, Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)), Azodicarbonamide, CAS #123-77-3, was added to its candidate list of "Substances of Very High Concern" (SVHC). The maximum threshold concentration level is for this material 0.1%. Azodicarbonamide is used as a foaming agent in SEKISUI Voltek's Volara® manufacturing process. The process is designed to completely activate the azodicarbonamide. Any remaining unactivated foaming agent is minimal in Volara®. Further, there is no established evaluation test method to measure the residual concentration. Our parent company, SEKISUI CHEMICAL, is working on preparing a quantitative analysis of this residual substance, however such analysis will require an extended amount of time to develop. Once the test method has been established, our products will be tested for compliance, and we will inform you of any issues related to SVHC compliance. To conclude, the azodicarbonamide has not moved on from the SVHC list, thus all Volara®, Volextra® and VolaraBLOCK® are Annex XIV and Annex XVII compliant.

The SVHC list was updated on January 17, 2023 by ECHA and now includes 233 substances on the Candidate List. Nine substances were added to the list. The substances are:

- Reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)morpholine and 2,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl)morpholine
- Perfluoroheptanoic acid and its salts:
 - Sodium perfluoroheptanoate (CAS 20109-59-5)
 - Potassium perfluoroheptanoate (CAS 21049-36-5)
 - Ammonium perfluoroheptanoate (CAS 6130-43-4)
 - Perfluoroheptanoic acid (CAS 375-85-9)
- Melamine (CAS 108-78-1)

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SVHC Statement Substances of Very High Concern

- Isobutyl 4-hydroxybenzoate (CAS 4247-02-3)
- Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof:
 - Bis(2-ethylhexyl) tetrabromophthalate (CAS 26040-51-7)
- Barium diboron tetraoxide (CAS 13701-59-2)
- 4,4'-sulphonyldiphenol (CAS 80-09-1)
- 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol (CAS 79-94-7)
- 1,1'-[ethane-1,2-diylbisoxy]bis[2,4,6-tribromobenzene] (CAS 37853-59-1)

The Candidate List including the new substances which ECHA added to this list, is available on the ECHA's website: <http://echa.europa.eu/web/guest/candidate-list-table>.

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