

Technical Information Bulletin

Declarations for Softlon®

Scope

This Technical Information Bulletin covers the following Softlon (non-FR) grades made by Sekisui Foam Australia:

Grade	Colour
S (WH)	White
S (GN)	Green
S (BL)	Blue
S (GY)	Grey
S (AN)	Anthracite
S (BK)	Black

Contact Sekisui Foam Australia regarding declared compliance of other Softlon coloured foams to EU or country specific regulations.

Introduction

Sekisui Foam Australia (SFA) provides the following declarations related to Softlon and its manufacture. Testing is routinely undertaken by accredited laboratories on Softlon products as evidence for compliance with various regulations.

Notwithstanding these declarations, it remains the responsibility of the user to ensure that Softlon products are assessed or tested to confirm acceptability for use in their application and under their own specific conditions.

It is not feasible to detail all the chemical substances referred to in these declarations. Therefore it is also the responsibility of the user to carefully read the relevant regulations and cross-check against chemical substances listed in their own specific surveys.

These declarations are valid on the date this TIB was published. The date can be found in the Disclaimer Section at the end of this document. Due to regulations being regularly added and changed, SFA cannot ensure the declarations contained in the TIB are valid beyond this publication date. It is up to the user to obtain updated versions of this TIB from SFA as required.

Declarations:

Zero ODP

- The materials used in Softlon products and the manufacturing processes used to make these products have a zero Ozone Depleting Potential (ODP). Softlon does not contain and is not produced with any of the substances mentioned in the “Montreal Protocol” of ozone depleting substances and in the corresponding EC Regulation 2009/1005:
 - Chlorofluorocarbons (CFCs)
 - Hydrochlorofluorocarbons (HCFCs)
 - Carbon Tetrachloride
 - 1,1,1-Trichloroethane
 - Methyl Bromide
 - Hydrobromofluorocarbons (HBFCs)

Zero Radioactive Substances

- No Softlon products contain any raw material with radioactive substances.

Zero DMF or other Biocides

- Dimethyl Fumarate (DMF) is not intentionally added to any Softlon product.
- Triclosan or other pesticides/biocide additives are not intentionally added to any Softlon product.

Zero Bisphenol-A (BPA)

- BPA additives are not intentionally added to any Softlon product.

Low GWP

- Softlon is a Low Global Warming Potential (GWP) material for green building certification purposes. HFCs or other high GWP blowing agents are not used in the Softlon manufacturing process.

Low VOC

- Softlon is classified as a low VOC emitting material according for green building certification purposes.

Halogen Free

- No Softlon products are based on PVC compounds or other chlorine based materials.
- Softlon is defined as 'Halogen Free' based on the IEC 61249-2-21 definition and according to the International Electronics Manufacturing Initiative (INEMI) directive.
- Softlon is defined as 'chlorine-free' based on standards such as IEC 61249-2-21, i.e. total chlorine content of Softlon is less than 900 ppm (0.09%).

Plasticiser Free

- Plasticiser additives are not intentionally added to any Softlon product.

Formaldehyde Free

- The Softlon manufacturing process does not use formaldehyde, and formaldehyde is not intentionally added to any Softlon product.

Asbestos Free

- Asbestos is not intentionally added to any Softlon product.

DRC Conflict Material Free

- Softlon does not contain any minerals based on tantalum, tin, tungsten, gold or their derivatives ("conflict minerals") that need to be reported to the United States Securities and Exchange Commission, in accordance with the Dodd-Frank Wall Street Reform and Consumer Protection Act.

REACH Compliant

- Softlon complies with EU REACH regulations (1907/2006/EC). As of the date of this publication, there are no substances contained in Softlon that are included in the current EU REACH Restriction List (EU REACH Annex XVII), Authorisation List (EU REACH Annex XIV) or SVHC Candidate List, at concentrations exceeding 0.1% w/w. Specifically, the following raw materials are not used in the production of Softlon:
 1. Polychlorinated biphenyls PCBs (Restriction List).
 2. Polychlorinated terphenyls PCTs (Restriction List).
 3. Asbestos (Restriction List).
 4. Organic tin compounds (Restriction List).
 5. Chlorinated paraffins (Restriction List).
 6. Perfluorooctane Sulphonate PFOS (Restriction List).
 7. Perfluorooctanoic Acid PFOA (Candidate List).
 8. Phthalate Plasticisers DEHP, DBP, BBP, DINP, DIDP, DNOP, DMEP, DIBP, DPP (Restriction List, Authorisation List and/or SVHC Candidate List).
 9. Any azo dyes included in the Restriction List.

RoHS Compliant

- The manufacture of Softlon is compliant with the requirements of EU Directive 2015/863, commonly known as the Restriction of Hazardous Substances (RoHS) directive, or "RoHS3". No substances in the current RoHS3 list are contained in Softlon at levels greater than 0.1% w/w.

Rotterdam Convention

- Softlon does not contain any chemicals listed in Annex III of the Rotterdam Convention.

POPs Treaty

- Softlon does not contain any Persistent Organic Pollutants (POPs) listed in the Stockholm Convention.

Proposition 65

- Softlon products comply with the State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65). There is no requirement to provide a Proposition 65 warning for standard Softlon (non-FR) grades.

Clean Air Act

- Softlon products do not contain any substances on the US EPA Clean Air Act Hazardous Air Pollutants (HAPs) list. Specifically, the following HAPs are not used in the production of Softlon:
 1. Glycol ethers.
 2. Methylene chloride.
 3. Naphthalene.
 4. Phenols.
 5. Xylenes.

Food Contact Regulations

- Softlon products comply with the following FDA regulations for use in contact with food:
 1. FDA 21 CFR 177.1520 (c): Olefin polymers.
 2. FDA 21 CFR 178.3010: Adjuvant substances used in the manufacture of foamed plastics.
 3. FDA 21 CFR 177.1210: Closures with sealing gaskets for food containers.

Living Building Challenge

- Standard Softlon (non-FR) grades do not contain any of the substances in the Living Building Challenge Red List, Version 3.1, published by the International Living Future Institute.

ACCS Environmental Certification Scheme

- Standard Softlon (non-FR) grades do not contain any of the banned or controlled substances listed in Schedule 9 of the Environmental Certification Scheme (ECS) Guidance Manual, Version 1.2, published by the Carpet Institute of Australia.

GADSL

- Standard Softlon (non-FR) grades comply with the Global Automotive Declarable Substance List (GADSL), Version 1.0 automotive industry guidelines. According to these guidelines, there are no substances contained in standard Softlon (non-FR) grades that need to be declared.

Toxic Chemical Substances Act

- Standard Softlon (non-FR) grades comply with Section 6(h) of the US Toxic Chemical Substances Act (TCSA). Specifically, the following substances are not intentionally added:
 1. Decabromodiphenyl ether (DecaBDE)
 2. Phenol, isopropylated phosphate (3:1) (PIP (3:1)).
 3. 2,4,6-Tris(tert-butyl)phenol (2,4,6-TTBP).
 4. Hexachlorobutadiene (HCBD).
 5. Pentachlorothiophenol (PCTP).

Enquiries

If you require any further information, please consult your local distributor or contact us at:

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This information on Sekisui Foam International products is presented to the best of our knowledge. All product data is based on average values and is for guidance only. As these products are subject to constant research and development, we reserve the right to update the contents without notice.

Recommendations as to methods of post fabrication, application and use of Sekisui Foam International products are based on our experience and knowledge of the characteristics of our products and are given in good faith. As producer of the material we have no control over the application of Sekisui Foam International products and no legal responsibility is accepted for such recommendations. In particular, no responsibility is accepted by us for any system in which Sekisui Foam International products are utilised or for any application.

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