

Styrex EPS grades , Recycling of EPS

Synbra

Absence of SVHC's Statement. Absence of HBCD Statement.

To whom it may concern

In order to answer the question if Styrex EPS is produced in accordance with the REACH regulations and are free of heavy metals and SVHC's like HBCD..

For REACH compliance reference is made to the Synbra REACH compliance document.

All Styrex types: **406FM, 607FM ,710FM, 1016FM, 1619FM, 1417FM, 1822FM, 1923FM, 2028FM, X-GWW** and **Orange 414FM** contain the polymeric FR agent

All Styrex types: **406RC, 607RC ,710RC, 1012RC, 1822ROX, 1417ROX, 1619ROX, 1923ROXFM**, are food approved and do not contain any flame retardent.

All these grades do not contain HBCD.

Heavy metals presence is regularly measured for the Sony Green procurement program, and no heavy metal has been found above the detection limit of 1 ppm(m/m).

With regard to any outgassing, test were carried out by FIW München to verify compliance to the strict German for indoor air quality standards according to DIN-ISO 16000-6:2002-09. It was demonstrated that all EPS investigated met all the requirements of the German indoor air quality standard –listed as NIK values "Niedrigst interessierende Konzentrationen" (NIK) "lowest concentration of interest" of the norm published in June 2012.

Also a search for traces of any SVHC's was carried out and none were detected.

As 1 October 1st 2016, HBCD-containing construction waste must be disposed of in suitable thermal recovery or disposal facilities.

Packaging made of EPS material does not contain HBCD and is therefore not affected by this regulation. Both material fractions are also clearly distinguishable for the laymen.

The EPS packaging to be disposed of are usually clean parts or strips, which are clearly recognizable as packaging material due to their shape. Insulation materials from construction and demolition waste, the so-called construction polystyrene, are visibly contaminated with plaster and adhesive residues as well as other building materials.

EPS packaging can continue to be properly disposed of and recycled in the future.

The recycling of EPS packaging has been a well-established, highly eco-efficient process in Germany ,Denmark and the Netherlands and indeed in many other countries for many years, which is used to return this material into the circular economy. Currently, the recycling rate in Germany is 56% and in the Netherlands 68% and are thus exemplary for Europe.

In Germany Fisher Group is well known recycler of EPS packaging :
<http://www.fischergruppe.eu/de/>.

Etten-Leur, 11^h October 2015,
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Managing Director

