

RoHS and REACH Compliance Declaration

Current 223 SVHC (1-Jan-2022) List

Date: Jan 1, 2022

Dear valued Box Enclosures customer,

Box Enclosures is dedicated to serving you by providing high quality engineered electronic enclosure solutions that meet environmental regulations, including EU Directive 2002/95/EC and subsequent amendments of the European Parliament and of the Council of the use of certain hazardous substances in electrical and electronic equipment (EEE) and REACH (Registration, Authorisation and Restriction of Chemicals, European Union Regulation (EC) 1907/2006). We are providing you the following information to assist you in meeting your environmental policies and procedures.

RoHS Compliance

- Box Enclosures has been producing parts that are RoHS compliant for the last several years. Box Enclosures products are RoHS compliant. All Box Enclosures products that are compliant with the RoHS Directive (EU Directive 2002/95/EC and subsequent amendments), RoHS COMPLIANT means that the substances restricted by the EU Directive 2002/95/EC and Directive 2015/863 and subsequent amendments of the European Parliament are not contained in a finished product above threshold limits stated below unless the restrictive substance is subject of an exemption contained in the RoHS Directive. Box Enclosures consider the amendment to Annex II, dated March 31, 2015. The Amendment to Annex II, dated March 31, 2015 additionally restricts the use of DEHP, BBP, DBP and DIBP in Electrical and electronic equipment and becomes effective **July 22, 2019**

Restricted Substance	Maximum Threshold Limit
Cadmium and its compounds	100 ppm (0.01 weight %)
Mercury and its compounds	1000 ppm (0.1 weight %)
Hexavalent chromium and its compounds	1000 ppm (0.1 weight %)
Lead and its compounds *	1000 ppm (0.1 weight %)
Polybrominated biphenyls (PBB)	1000 ppm (0.1 weight %)
Polybrominated diphenyl ethers (PBDE)	1000 ppm (0.1 weight %)
Bis(2-Ethylhexyl) phthalate (DEHP)	1000 ppm (0.1 weight %)
Benzyl butyl phthalate (BBP)	1000 ppm (0.1 weight %)
Bis(2-(2-methoxyethoxy)ethyl)ether	1000 ppm (0.1 weight %)
Dibutyl phthalate (DBP)	1000 ppm (0.1 weight %)
Diocetyl tin dilaurate, stannane, dioctyl-, bis(coco acyloxy)	1000 ppm (0.1 weight %)
Diisobutyl phthalate (DIBP) Bioaccumulative toxin (TSCA PBT) & Per/Polyfluoroalkyl Substances (PFAS)	1000 ppm (0.1 weight %)

*Except when allowed by the Directive. For example, 3500 ppm in steel, 4000 ppm in aluminum alloys and 40000 ppm in copper alloys. Also see our 223 svhc list .

- Certain Department of Defense customers require Box Enclosures parts that are not RoHS compliant. Box Enclosures produces these parts but their manufacturing, storage and handling is completely segregated from the RoHS compliant parts to minimize contamination of the RoHS compliant products.
- The compliance of Box Enclosures products with RoHS is affected through:

- Strictly controlling the materials and finishes that are used in our products
- Periodic audits of our suppliers to insure compliance
- Periodic analysis, on an as-needed basis, of our products.

Form 14783 Rev 3

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RoHS - RECAST

- Directive 2011/65/EU of the European Parliament and of the Council of June 8, 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment (EEE) became effective on January 3, 2013. As a result, some of the provisions of Directive 2002/95/EC will be phased out and new provisions of the Directive 2011/65/EU will be phased in over time. Box Enclosures has an aggressive plan to meet all the requirements of RoHS – Recast on the mandated time frame.
- Before Directive 2011/65/EU is full force, Box Enclosures will continue implying that the parts meet requirements of Directive 2002/95/EC .
- Once Directive 2011/65/EU (RoHS - Recast) is fully implemented, certain products may have “CE” marking in an effort to consolidate marking requirements as mandated by the European Parliament.

REACH Compliance

In June 2007, the European Union Regulation (EC) 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) was first released. This Regulation establishes specific duties and obligations for companies in the European Union (EU) that manufacture or import substances on their own, in preparations, or in articles.

- Under the structure of the REACH Regulation, Box Enclosures is a manufacturer and supplier of “**articles**” to our EU customers through several Box Enclosures distributors located within the EU. We do not manufacture or supply “substances” or “preparations” and our articles do not involve the “intentional release of substances”. Accordingly, we foresee no registration or pre-registration requirement for the products we supply to you.
- Box Enclosures believes that even though REACH is an EU regulation, the Box Enclosures products are affected in all geographical regions. Therefore, Box Enclosures has put together a global team to implement REACH on a worldwide basis.
- Box Enclosures is constantly monitoring the substances of very high concern (SVHCs), as defined by REACH, in our products. This will be an on-going process since the complete list of SVHCs will be released in stages.
- Box Enclosures customers are encouraged to visit the following site to get the most up to date information on current list of SVHCs under REACH: http://echa.europa.eu/chem_data/authorisation_process/candidate_list_table_en.asp
- Box Enclosures has decided to use International Material Data System (IMDS) to report compositional information, including presence and concentration of SVHCs, in our products. Since this is a constantly evolving process, our raw material suppliers will be regularly updating the IMDS information as the European Chemical Agency publishes the list of additional SVHCs periodically. The information in IMDS is provided by our material suppliers on a “best effort” basis using the information provided by our suppliers, published data and the documentation from the European Chemical Agency (ECHA). No attempt has been made to verify this information by third party analysis. Visit www.mdssystem.com to access IMDS data.
- Box Enclosures products (articles) do not contain Substances of Very High Concern (SVHC) above the threshold value declared as per ECHA - 223 SVHC.



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Compliance Information on Box Enclosures Products

The compositional information of our products is posted on the International Material Data System (IMDS) and customers are encouraged to utilize this resource to get more information on Box Enclosures products.

- For additional information, please contact Sharad Raut, Global Environmental Compliance Engineer at sales@BoxEnclosures.com
- The environmental regulations change constantly. We will try our best to keep you abreast of changes that affect Box Enclosures products by periodically updating this letter. Please refer to the current version of this letter on www.BoxEnclosures.com

We thank you for your continued support and understanding,

A handwritten signature in black ink, appearing to read 'James Fiocchi', is written over a faint, light-colored grid background.

James Fiocchi
Director of Global Technology
Box Enclosures, Inc.

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Date: March 4, 2020

REV	REV DATE	DESCRIPTION OF CHANGE
A	April 26, 2013	Reviewed, included RoHS-Recast and CE markings and assigned a Form number
B	April 24, 2014	Revised Candidate SVHC 151-list addition date under REACH statement.
C	June 17, 2014	Revised Candidate SVHC 155-list addition date under REACH statement.
D	January 15, 2015	Revised Candidate SVHC 161-list addition date under REACH statement.
E	June 26, 2015	Revised Candidate SVHC 163-list addition date under REACH statement.
F	December 21, 2015	Revised Candidate SVHC 168-list addition date under REACH statement.
G	June 21, 2016	Revised Candidate SVHC 169-list addition date under REACH statement.
H	September 16,2016	Revised RoHS restricted substances with addition of four phthalates as per the amendment to Annex II, dated March 31, 2015.
I	February 11, 2021	Revised list addition date under REACH statement for 2021.
J	January 2, 2022	Revised restricted substances for 2022