

**SOURIAU**

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SIRET 421 320 268 000 87

**Esterline Connection Technologies**  
**SOURIAU and SUNBANK**

January 15, 2019

Subject: REACH regulation assessment

Ref: REACH-28-2019

Dear Madam or Sir,

On December 18, 2006, the Council of the European Union adopted the final text of 1907/2006 REACH regulation. This text relating to chemical substances and dangerous preparations is designed to better protect the health of humans as well as the environment. This regulation entered into force on June 1, 2007.

Esterline Souriau, aware of the various obligations arising out of this regulation, has implemented a monitoring process.

Esterline Souriau conducted an inventory of substances, mixtures and articles that we use or manufacture, as well as their origin. At the end of this analysis and in view of REACH regulation, Esterline Souriau must be considered as a user of substances, but the articles it produces, when used normally, are not intended to release substances.

In accordance with article 33 of the REACH regulation, Esterline Souriau is required to inform its customers about any item manufactured or sold with a concentration of substances exceeding 0.1% weight by weight, according to the candidate list dated **January 15, 2019 (197 substances)**. Esterline Souriau will transmit the necessary information within a period of 45 days.

**Cadmium** (CAS No.: 7440-43-9 - EINECS No: 231-152-8) has been put on this candidate list (June 20, 2013), and as a result, some cadmium plated SOURIAU connector ranges are impacted where a concentration limit of 0.1% weight by weight is exceeded.

**Lead** (CAS No. : 7439-92-1 - EINECS No. : 231-100-4) was entered on the candidate list of June 27, 2018. Some SOURIAU connector series are impacted. Lead is a component of bronze, copper alloys, solder alloys. This substance may be present at a concentration greater than 0.1% w / w in our articles.

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Following the publication of Regulation 348/2013 / EU, the use of hexavalent chromium (Cr VI) is not allowed in the European Union without obtaining an authorization of use since September 21, 2017.

Esterline Souriau, member of CMG "Connectors Manufacturers Group" submitted on February 22, 2016, a joint application for authorisation for the use of chromium VI compounds beyond the Sunset Date, to ECHA

On June 15, 2018, the European Commission has issued its decision on marketing authorizations for the use and / or use of substances listed in Annex XIV to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), namely:

For chromium trioxide: CAS No : 1333-82-0 EINECS No : 215-607-8

- **See annex I**

For sodium dichromate: CAS No : 10588-01-9 EINECS No : 234-190-3

- **See annex II**

These opinions are available:

- On the ECHA website:

<https://echa.europa.eu/applications-for-authorisation-previous-consultations/-/substance-rev/13538/term>

- On the website of the Official Journal of the European Union:

<http://eur-lex.europa.eu/oj/direct-access.html?locale=fr>

For further information, contact Esterline Souriau at the following address:

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## Annex I

**Summary of European Commission Decisions on authorisations for the placing on the market for the use and/or for use of substances listed in Annex XIV to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)**

*(Published pursuant to Article 64(9) of Regulation (EC) No 1907/2006 (1))*  
**(Text with EEA relevance)**  
(2018/C 218/06)

**Decisions granting an authorisation**

Reference of the decision	Date of decision	Substance name	Holder of the authorisation	Authorisation number	Authorised use	Date of expiry of review period	Reasons for the decision
C(2018) 3734	15 June 2018	Chromium trioxide N° CE: 215-607-8 N° CAS: 1333-82-0	SOURIAU SAS, RD 323, 72470 Champagné, France	REACH/18/6/0	Industrial use of a mixture containing the hexavalent chromium compounds (chromium trioxide, potassium dichromate or sodium dichromate) for the conversion of cadmium coated circular and rectangular connectors in order to achieve a higher level of performances than the requirements of international standards as well as to withstand harsh environments and high safety applications (such as in the military, aeronautic, aerospace, mining, offshore and nuclear industries or for the application in safety devices for road vehicles, rolling stock and vessels).	21 September 2029	In accordance with Article 60(4) of Regulation (EC) No 1907/2006, the socioeconomic benefits outweigh the risk to human health and the environment arising from the uses of the substance and there are no suitable alternative substances or technologies for the applicant before the sunset date.
	15 June 2018	Chromium trioxide N° CE: 215-607-8 N° CAS: 1333-82-0	SOURIAU SAS, RD 323, 72470 Champagné, France	REACH/18/6/11	Industrial use of a mixture containing the hexavalent chromium compounds (chromium trioxide, potassium dichromate or sodium dichromate) in conversion coating and passivation of circular and rectangular connectors in order to meet the requirements of international standards and special requirements of industries subject to harsh environments.	21 September 2024	
	15 June 2018	Chromium trioxide N° CE: 215-607-8 N° CAS: 1333-82-0	SOURIAU SAS, RD 323, 72470 Champagné, France	REACH/18/6/19	Industrial use of a mixture containing chromium trioxide for the etching of composite connectors used by industries subject to harsh environments, to mainly ensure adhesive deposit to meet the requirements of international standards.	21 September 2021	

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## Annex II

**Summary of European Commission Decisions on authorisations for the placing on the market for the use and/or for use of substances listed in Annex XIV to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)**

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**Decisions granting an authorisation**

Reference of the decision	Date of decision	Substance name	Holder of the authorisation	Authorisation number	Authorised use	Date of expiry of review period	Reasons for the decision
C(2018) 3734	15 June 2018	Sodium dichromate N° CE: 234-190-3 N° CAS: 10588-01-9, 7789-12-0	SOURIAU SAS, RD 323, 72470 Champagné, France	REACH/18/6/1	Industrial use of a mixture containing the hexavalent chromium compounds (chromium trioxide, potassium dichromate or sodium dichromate) for the conversion of cadmium coated circular and rectangular connectors in order to achieve a higher level of performances than the requirements of international standards as well as to withstand harsh environments and high safety applications (such as in the military, aeronautic, aerospace, mining, offshore and nuclear industries or for the application in safety devices for road vehicles, rolling stock and vessels).	21 september 2029	In accordance with Article 60(4) of Regulation (EC) No 1907/2006, the socioeconomic benefits outweigh the risk to human health and the environment arising from the uses of the substance and there are no suitable alternative substances or technologies for the applicant before the sunset date.
	15 June 2018	Sodium dichromate N° CE: 234-190-3 N° CAS: 10588-01-9, 7789-12-0	SOURIAU SAS, RD 323, 72470 Champagné, France	REACH/18/6/10	Industrial use of a mixture containing the hexavalent chromium compounds (chromium trioxide, potassium dichromate or sodium dichromate) in conversion coating and passivation of circular and rectangular connectors in order to meet the requirements of international standards and special requirements of industries subject to harsh environments.	21 september 2024	