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# REACH Authorisation and Use of Cr(VI) in the EEA

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# AGENDA

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REACH Overview

Cr(VI) Authorisations

Deciphering Authorisations

How to find and review an Authorisation application

Summary of aerospace-related Cr(VI) Authorisations

Question & Answer session

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# REACH Acronyms

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REACH: **Registration, Evaluation, Authorization, and  
Restriction of **Chemicals****

SVHC: **Substance of Very High Concern**

ECHA: **European Chemical Agency**

RAC: **Risk Assessment Committee**

SEAC: **Socio-Economic Assessment Committee**

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# The REACH REGULATION (EC No 1907/2006)

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## Registration, Evaluation, Authorization, and Restriction of Chemicals

European Union regulation to protect human health and environment

Regulates “Substances of Very High Concern” (SVHCs)

Prohibits *use* of SVHCs *in European Economic Area* (EEA) on various “sunset dates”

Authorisation required to use SVHCs in the EEA after the sunset date



*Intent of REACH is to **eliminate** SVHCs*

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# REACH AUTHORISATION

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## TITLE VII

### AUTHORISATION

#### CHAPTER 1

#### *Authorisation requirement*

#### *Article 55*

#### **Aim of authorisation and considerations for substitution**

The aim of this Title is to ensure the good functioning of the internal market while assuring that the risks from substances of very high concern are properly controlled and that these substances are progressively replaced by suitable alternative substances or technologies where these are economically and technically viable. To this end all manufacturers, importers and downstream users applying for authorisations shall analyse the availability of alternatives and consider their risks, and the technical and economic feasibility of substitution.

Authorisation is one of the core REACH processes for managing the risks of hazardous substances

It aims to ensure that the risks from hazardous substances are properly controlled and that these substances are progressively replaced

SVHCs are first placed on a Candidate List, and may then be prioritized for Authorisation and placed on Annex XIV

Authorisations are granted for a limited time, typically 4, 7, or 12 years

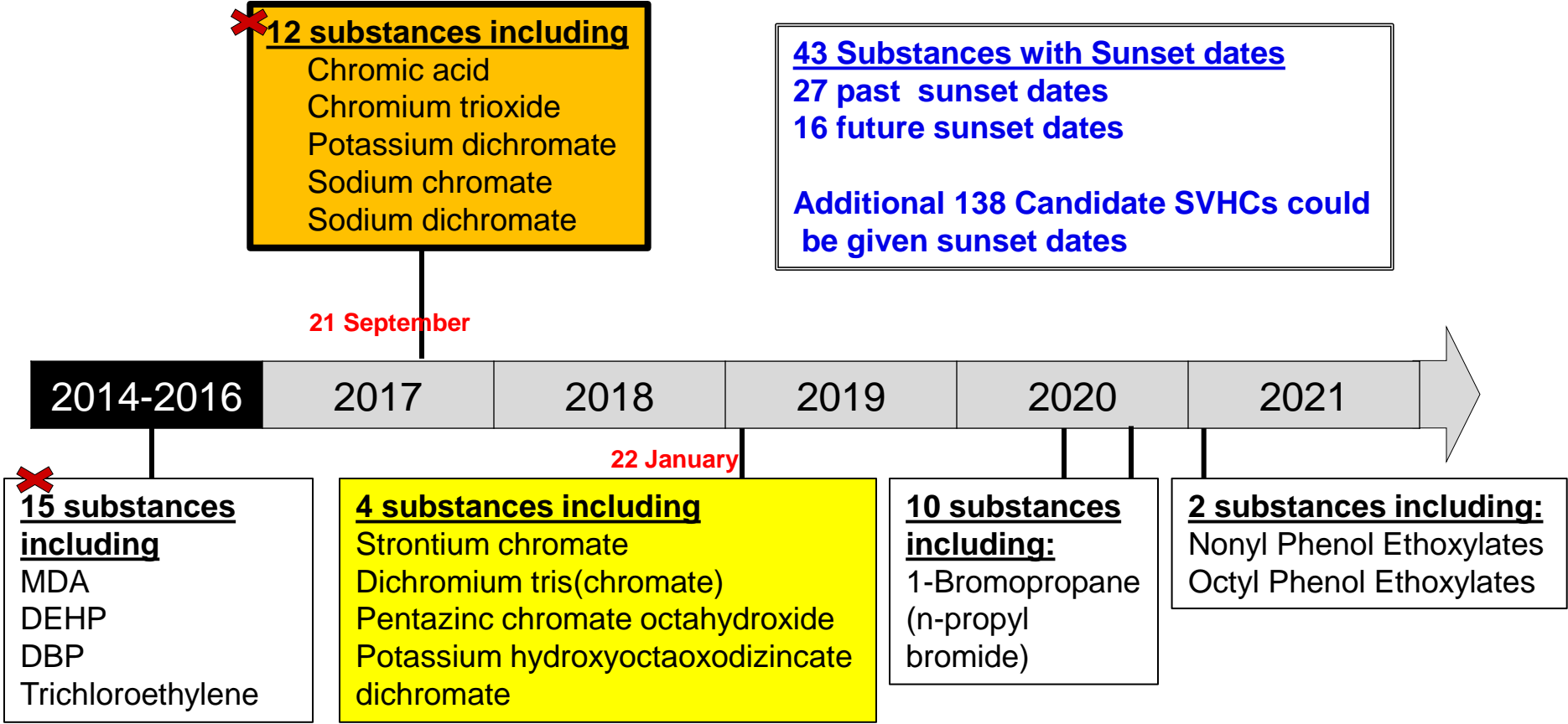
Applications for Extensions are allowed if necessary

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# Annex XIV SVHCs WITH SUNSET DATE TIMELINE

*Cr(VI) sunset dates: September 2017 & January 2019*



**Need Authorisation to continue using an SVHC in the EEA after its sunset date**  
**Hardware with SVHCs can be imported into the EEA after the sunset date**

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# ANNEX XIV Cr(VI) SUBSTANCES

Substance	CAS	Latest Application Date	Sunset Date
Chromium Trioxide	1333-82-0	21/03/2016	21/09/2017
Acids generated from chromium trioxide and their oligomers. Group containing: Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid	13530-68-2	21/03/2016	21/09/2017
Ammonium dichromate*	7789-09-5	21/03/2016	21/09/2017
Potassium chromate **	7789-00-6	21/03/2016	21/09/2017
Potassium dichromate	7778-50-9	21/03/2016	21/09/2017
Sodium dichromate	10588-01-9	21/03/2016	21/09/2017
Sodium chromate	7775-11-3	21/03/2016	21/09/2017
Dichromium tris (chromate)	24613-89-6	22/07/2017	22/01/2019
Strontium chromate	7789-06-2	22/07/2017	22/01/2019
Pentazinc chromate octahydroxide	49663-84-5	22/07/2017	22/01/2019
Potassium hydroxyoctaoxodizincatedichromate	11103-86-9	22/07/2017	22/01/2019

\* Only 1 specific defense related Authorisation

\*\* No aero specific Authorisations; 2 related to photocathodes

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# KEY Cr(VI) AERO AUTHORISATIONS

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23 Authorisation Applications have been submitted for 9 Cr(VI) substances covering aerospace uses

Applications cover both manufacture of Cr(VI) formulations and use of the Cr(VI) substances and formulations to manufacture & repair aerospace hardware

Applications were submitted by chemical importers, distributors and formulators, with support from aerospace OEMs

## Current Status:

All applications awaiting EU Commission approval

RAC & SEAC have recommended a 7 year approval for 19 / 23

4 / 23 are still awaiting a RAC & SEAC recommendation for the EU Commission and member states to consider

– expecting 7 years

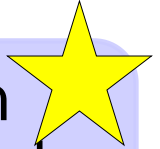
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# WHO CAN APPLY FOR AUTHORISATION?

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EEA Substance  
manufacturer or  
importer

- All downstream supply chain can be covered if all uses are included in Authorisation



EEA Formulator

- Downstream supply chain can be covered if all uses are included in Authorisation

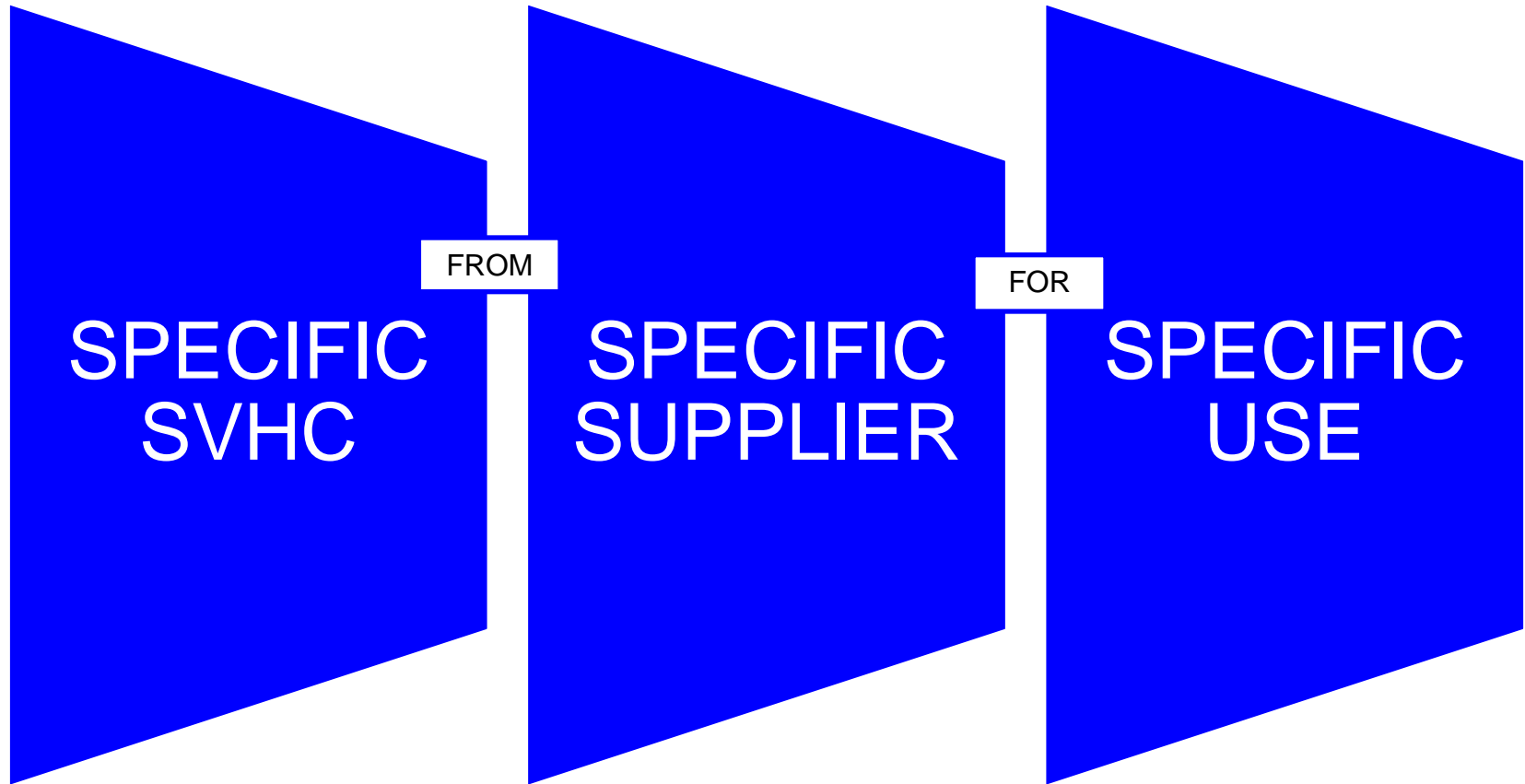
EEA Individual  
Downstream  
User

- Only Downstream User is covered

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# AUTHORISATION IS GRANTED FOR:

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# WHICH AUTHORISATION TO USE?

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What you should know:

WHICH SVHC do you use?



From WHOM do you procure it from?



HOW do you use it?

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# WHICH SVHC(S) DO YOU USE?

## *Hypothetical Examples*

SVHC	Substance / Formulation used	Your Direct Supplier	Formulator's or Importer's Name	Manufacturing Process	How is the SVHC / Formulation used?
Chromium trioxide	Chromium trioxide	Distributor A	Importer	Chromium plating (hard chrome)	Immersion bath
Chromium trioxide	Conversion Coating A	Formulator A	Formulator A	Chromic Conversion Coating	Immersion bath Brush Touch-up pen
Chromium trioxide	Slurry Coat A	Distributor A	Formulator B	Slurry coating	Gun Spray Brush
Potassium dichromate	Potassium dichromate	Distributor A	Unknown	Sealing after Chromic Acid Anodize	Immersion bath

## Which SVHC(s)?

1. Which Cr(VI) substance you are using?
2. Are you using the substance itself (e.g. to add to a bath) or using a formulation which contains the Cr(VI)?

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# FROM WHOM DO YOU PROCURE SVHCs?

## *Hypothetical Examples*

SVHC	Substance / Formulation used	Your Direct Supplier	Formulator's or Importer's Name	Manufacturing Process	How is the SVHC / Formulation used?
Chromium trioxide	Chromium trioxide	Distributor A	Importer	Chromium plating (hard chrome)	Immersion bath
Chromium trioxide	Conversion Coating A	Formulator A	Formulator A	Chromic Conversion Coating	Immersion bath Brush Touch-up pen
Chromium trioxide	Slurry Coat A	Distributor A	Formulator B	Slurry coating	Gun Spray Brush
Potassium dichromate	Potassium dichromate	Distributor A	Unknown	Sealing after Chromic Acid Anodize	Immersion bath

## Who

1. From whom you are buying substances and/or formulations?
2. If possible, determine who manufactures or imports the substance or formulation

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# HOW DO YOU USE SVHCs?

## *Hypothetical Examples*

SVHC	Substance / Formulation used	Your Direct Supplier	Formulator's or Importer's Name	Manufacturing Process	How is the SVHC / Formulation used?
Chromium trioxide	Chromium trioxide	Distributor A	Importer	Chromium plating (hard chrome)	Immersion bath
Chromium trioxide	Conversion Coating A	Formulator A	Formulator A	Chromic Conversion Coating	Immersion bath Brush Touch-up pen
Chromium trioxide	Slurry Coat A	Distributor A	Formulator B	Slurry coating	Gun Spray Brush
Potassium dichromate	Potassium dichromate	Distributor A	Unknown	Sealing after Chromic Acid Anodize	Immersion bath

### How:

1. What is the purpose of using the SVHC (surface treatments, (e.g. passivation, sealing, conversion coating), hard chrome plate)?
2. How is it applied (immersion bath, brushing, spraying)?

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# Cr(VI) SUPPLY CHAIN CONTINUITY AFTER SUNSET DATE

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Ensure that your site procures all Cr(VI) substances / formulations from formulator / distributor / importer holding Authorisation

OR

Ensure that your chemical supplier procures all Cr(VI) substances / formulations from formulator / distributor / importer holding Authorisation

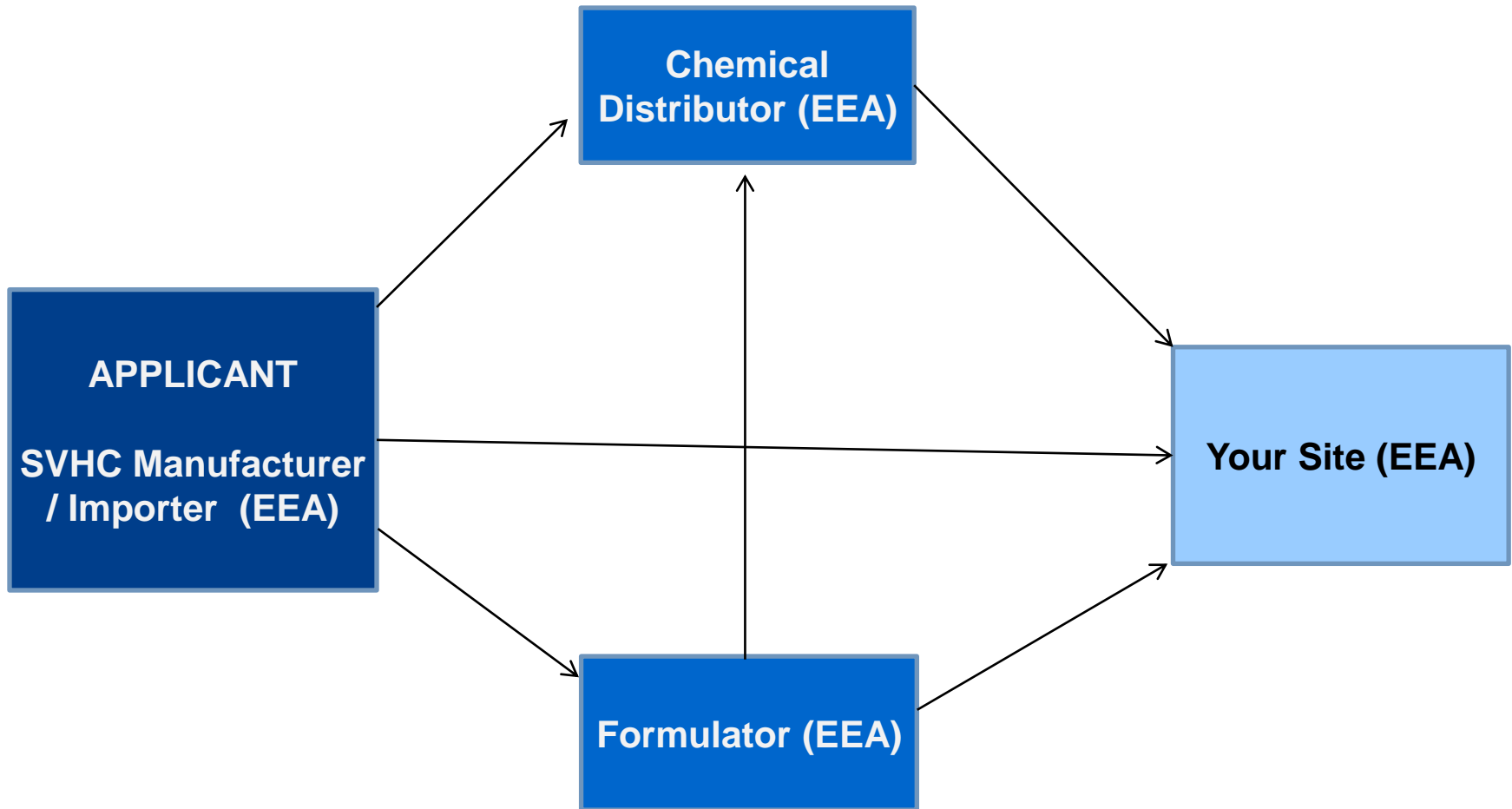
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# SUPPLY OF AUTHORISED SVHCs

*SVHC Manufacturer / Importer is the Applicant*



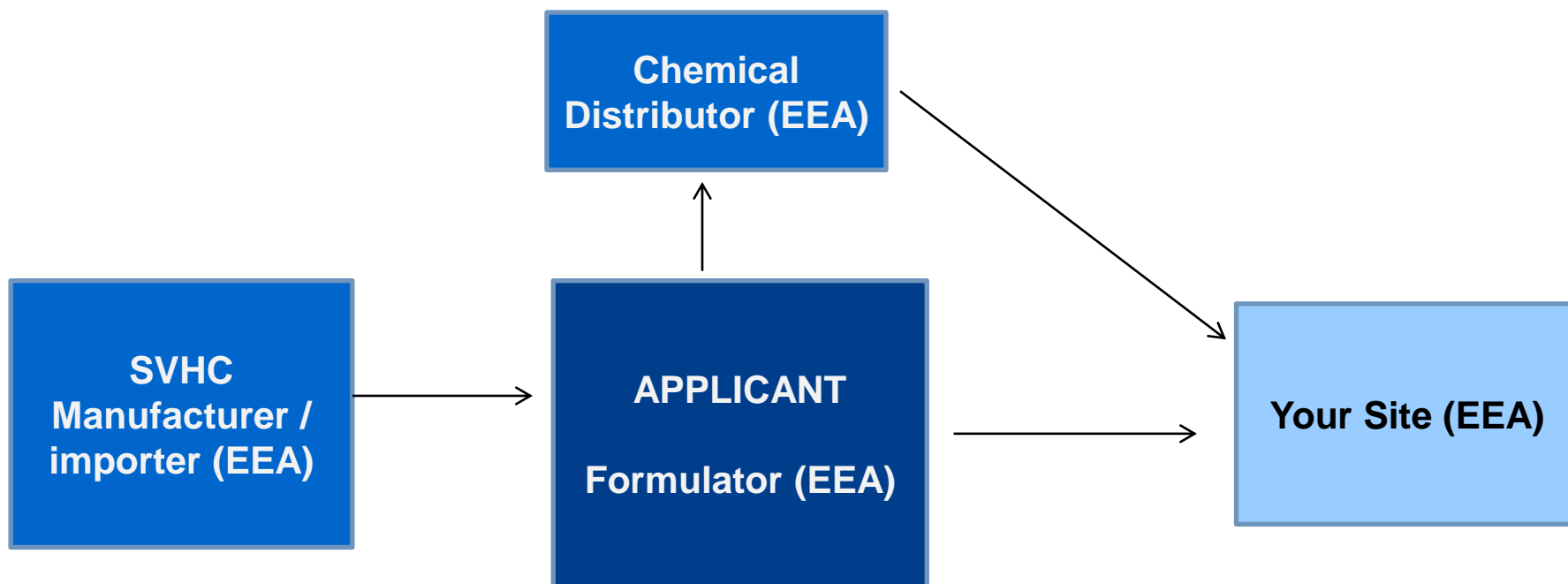
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# SUPPLY OF AUTHORISED SVHCs

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*SVHC FORMULATOR IS THE APPLICANT*

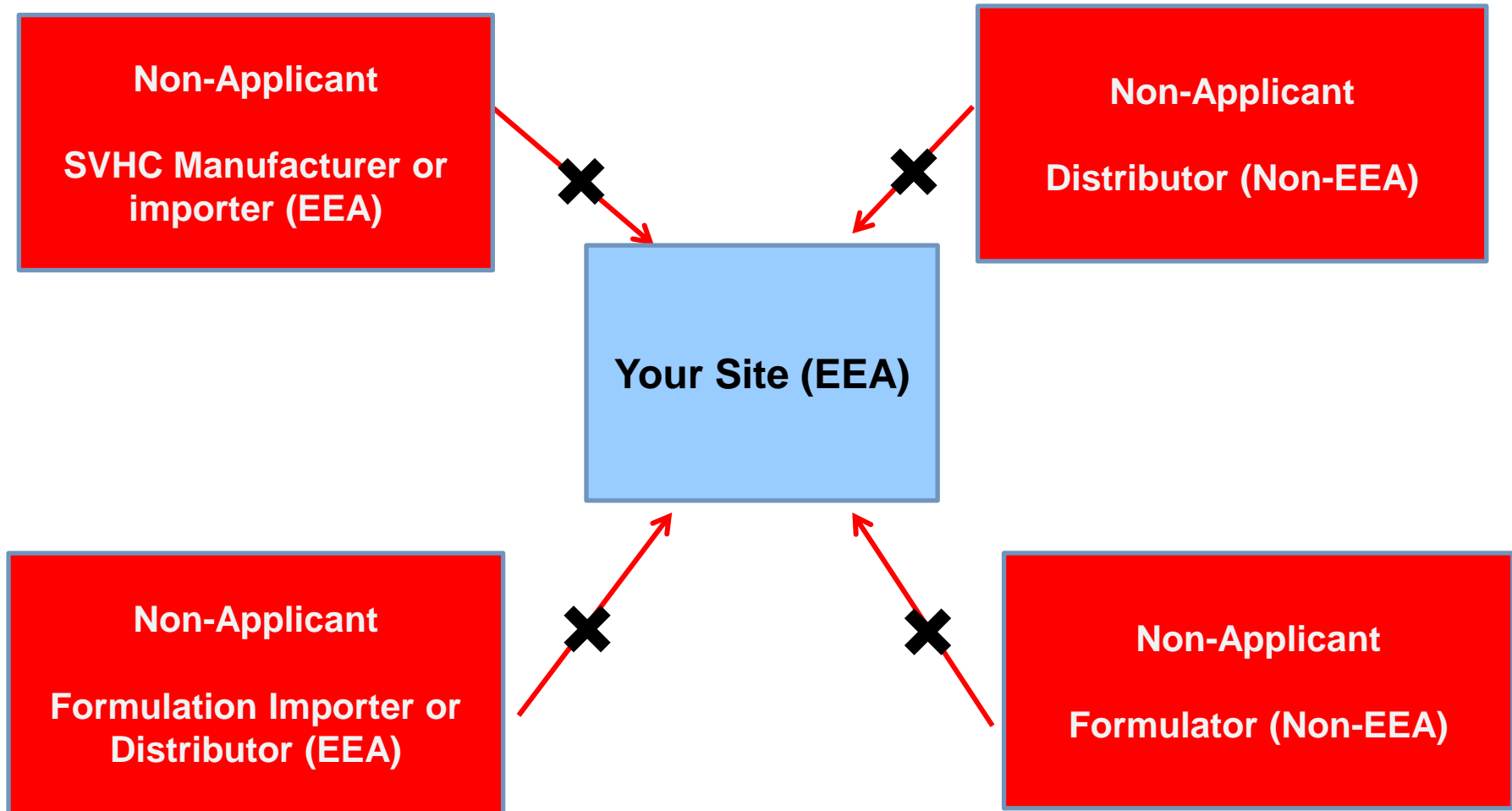


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# EEA SUPPLY MUST COME THROUGH AUTHORISATION APPLICANTS

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# AFTER THE SUNSET DATE

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## *While Authorisation is Pending\**

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Direct communication with your chemical supplier(s) is recommended to ensure you are procuring from covered sources

Ensure you are procuring from an applicant's supply chain

Confirm your use is consistent with an applied-for use in your upstream supplier's authorisation application

e.g.. a chromium trioxide powder conversion coat diluted and used in a bath for surface treatment of aerospace hardware

e.g. a strontium chromate adhesive bond primer sprayed on aerospace hardware

Follow risk management measures identified in the relevant Safety Data Sheet(s) (SDSs)

There is no requirement to identify a substance / formulation as having an Authorisation pending on the SDS

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\*Pending = Authorisation application submitted prior to Latest Application Date but final decision not yet provide by European Commission

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# ECHA GUIDANCE ON USE OF SVHCs WITH PENDING AUTHORISATION

I am a downstream user of an Annex XIV substance and the European Commission has not yet decided on the application for authorisation submitted by a company up my supply chain covering my use. The sunset date of the substance has passed.

- a) Do I have to stop using the substance?
  - b) Do I have to notify my use to ECHA?
- a) It depends.

You do not have to stop **if the application made up your supply chain has been submitted** before the substance's latest application date. In this case, you can continue using the substance after its sunset date, awaiting for the European Commission's decision.

You have to stop if the authorisation application has been submitted **after** the substance's latest application date. You can restart using the substance only if the European Commission decides to grant an authorisation for your use.

b) Not yet. As long as the European Commission's decision on the authorisation application covering your use is pending, you cannot notify your use to ECHA. The notification of authorised uses is possible only after an authorisation has been granted. Once the decision to grant an authorisation has been adopted, you then need to submit a downstream user notification of your authorised use (Article 66 of REACH) to ECHA within three months from the first delivery of the substance (see also [Q&A 1441](#)).

Modified Date: 26/10/2017

ID: 1358

Version: 1.1

## For all ECHA Q&A on Authorisation:

[https://echa.europa.eu/support/gas-support/browse/-/qa/70Qx/view/scope/REACH/Authorisation?\\_journalqadisplay\\_WAR\\_journalqaportlet\\_INSTANCE\\_70Qx\\_backURL=https%3A%2F%2Fecha.europa.eu%2Fsupport%2Fgas-support%2Fbrowse%3Fp\\_p\\_id%3Djournalqadisplay\\_WAR\\_journalqaportlet\\_INSTANCE\\_70Qx%26p\\_p\\_lifecycle%3D0%26p\\_p\\_state%3Dnormal%26p\\_p\\_mode%3Dview%26p\\_p\\_col\\_id%3Dcolumn-1%26p\\_p\\_col\\_pos%3D2%26p\\_p\\_col\\_count%3D3](https://echa.europa.eu/support/gas-support/browse/-/qa/70Qx/view/scope/REACH/Authorisation?_journalqadisplay_WAR_journalqaportlet_INSTANCE_70Qx_backURL=https%3A%2F%2Fecha.europa.eu%2Fsupport%2Fgas-support%2Fbrowse%3Fp_p_id%3Djournalqadisplay_WAR_journalqaportlet_INSTANCE_70Qx%26p_p_lifecycle%3D0%26p_p_state%3Dnormal%26p_p_mode%3Dview%26p_p_col_id%3Dcolumn-1%26p_p_col_pos%3D2%26p_p_col_count%3D3)

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# AFTER THE SUNSET DATE

## *Additional Requirements Once Authorisation is **Granted\****

Implement any additional conditions required by the final (published) European Commission decision

Will vary by Authorisation

May include monitoring, reporting, record keeping

Implement HSE risk controls, in accordance with conditions of use contained in the relevant authorisation decision and the safety data sheet

For more information, consult the supplier of the chemical product and/or the relevant authorisation dossier (in particular the chemical safety report) and the final decision ([ECHA website](#)).

Authorisation number must be on the label of the chemical

Can be on the SDS but *is not required*

Notify ECHA of your uses within 3 months of the chemical being supplied with the authorisation number included on the label, in accordance with REACH requirements

Refer to [ECHA's instructional page](#) for details of submitting notifications for authorised uses.

Per the European Chemical Agency (ECHA), these notifications will be shared with relevant member state enforcement authorities.

**\*Granted = Authorisation has been approved by European Commission**

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# HOW TO REVIEW AN AUTHORISATION APPLICATION

ID Number ←

Find the Authorisation Application (Consultation number) on the following pages

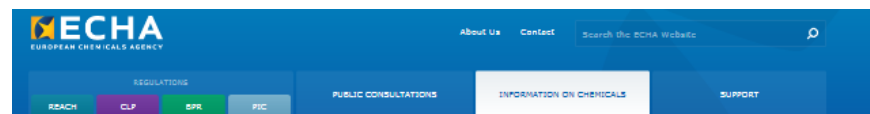
SVHC	ECHA Consultation Number	Use name	Applicant
Chromium trioxide	<a href="#">0032-01</a>	Formulation of mixtures	LANXESS Deutschland GmbH, Atotech Deutschland GmbH, Aviall Services Inc, BONDEX TRADING LTD, CROMITAL S.P.A., Elementis Chromium, Enthone GmbH
Chromium trioxide	<a href="#">0032-02</a>	Functional Chrome Plating	LANXESS Deutschland GmbH, Atotech Deutschland GmbH, Aviall Services Inc, BONDEX TRADING LTD, CROMITAL S.P.A., Elementis Chromium, Enthone GmbH
Chromium trioxide	<a href="#">0032-04</a>	Surface treatment for applications in the aeronautics and aerospace industries, unrelated to Functional chrome plating or Functional chrome plating with decorative character	LANXESS Deutschland GmbH, Atotech Deutschland GmbH, Aviall Services Inc, BONDEX TRADING LTD, CROMITAL S.P.A., Elementis Chromium, Enthone GmbH
Chromium trioxide	<a href="#">0032-05</a>	Surface treatment (except passivation of tin-plated steel (ETP)) for applications in various industry sectors namely architectural, automotive, metal manufacturing and finishing, and general engineering (unrelated to Functional chrome plating or Functional chrome plating with decorative character)	LANXESS Deutschland GmbH, Atotech Deutschland GmbH, Aviall Services Inc, BONDEX TRADING LTD, CROMITAL S.P.A., Elementis Chromium, Enthone GmbH
Chromium trioxide	<a href="#">0096-01</a>	Use of chromium trioxide for chemical conversion and slurry coating applications by aerospace companies and their suppliers	Wesco Aircraft EMEA, LTD.

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# HOW TO REVIEW AN AUTHORISATION APPLICATION

Find the relevant Authorisation Application from the [ECHA website](https://echa.europa.eu)



Home > Information on Chemicals > Adopted opinions and previous consultations on applications for authorisation

## Adopted opinions and previous consultations on applications for authorisation

This page provides further information on the applications for authorisation or review reports, which have undergone public consultation. The applications for authorisation are in the opinion development phase until the final opinions of the Committee for Risk Assessment and Socio-economic Analysis have been adopted and sent to the European Commission. The European Commission's decision-making process can be followed through the comitology regulator, where further information is published about the REACH Committee's past and upcoming meetings.

- RELATED LINKS
- Comitology regulator
  - European Commission: Authorisation Decisions

- Current consultations
- Applications for Authorisation

Page 1 of 2 200 Items per page 100 of 200 results

ID	Application type	Name	EC Number	CAS Number	Applicant(s)	Use name	Status	
0001-01	Initial	Bis(2-ethylhexyl) phthalate (DEHP)	204-211-0	117-81-7	Sella-Royce plc	The processing of a stop-off formulation containing DEHP during the diffusion bonding and manufacture of core engine fan blades.	Commission decided	<a href="#">Details</a>
0002-01	Initial	Bis(2-ethylhexyl) phthalate (DEHP)	204-211-0	117-81-7	ARKEHA FRANCE	Formulation of DEHP in compounds, dry-blends and Plastal formulations	Application withdrawn	<a href="#">Details</a>
0002-02	Initial	Bis(2-ethylhexyl) phthalate (DEHP)	204-211-0	117-81-7	ARKEHA FRANCE	Industrial use in polymer processing by calendaring, spread coating, extrusion, injection moulding to produce PVC articles [except creases, sex toys, small household items (<10cm) that can be swallowed by children, clothing intended to be worn against the bare skin; also toys, cosmetics and food contact material (reinstated under other EU regulation)]	Application withdrawn	<a href="#">Details</a>
0003-01	Initial	Bis(2-ethylhexyl) phthalate (DEHP)	204-211-0	117-81-7	Grupa Azoty Zakłady Azotowe Kędzierzyn S.A.	Formulation of DEHP in compounds, dry-blends and Plastal formulations	Pending decision	<a href="#">Details</a>
0003-02	Initial	Bis(2-ethylhexyl) phthalate (DEHP)	204-211-0	117-81-7	Grupa Azoty Zakłady Azotowe Kędzierzyn S.A.	Industrial use in polymer processing by calendaring, spread coating, extrusion, injection moulding to produce PVC articles [except creases, sex toys, small household items (<10cm) that can be swallowed by children, clothing intended to be worn against the bare skin; also toys, cosmetics and food contact material (reinstated under other EU regulation)]	Pending decision	<a href="#">Details</a>
0004-01	Initial	Bis(2-ethylhexyl) phthalate (DEHP)	204-211-0	117-81-7	DEEA a.s.	Formulation of DEHP in compounds, dry-blends and Plastal formulations	Pending decision	<a href="#">Details</a>
0004-02	Initial	Bis(2-ethylhexyl) phthalate (DEHP)	204-211-0	117-81-7	DEEA a.s.	Industrial use in polymer processing by calendaring, spread coating, extrusion, injection moulding to produce PVC articles [except creases, sex toys, small household items (<10cm) that can be	Pending decision	<a href="#">Details</a>

Page 1 of 2 200 Items per

ID	Application type
0001-01	Initial

Find the relevant Authorisation Application (ID) on the ECHA website

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# HOW TO REVIEW AN AUTHORISATION APPLICATION

Find the relevant Authorisation Application from the [ECHA website](#)

REGULATIONS: REACH, CLP, BPR, PIC

PUBLIC CONSULTATIONS

INFORMATION ON CHEMICALS

SUPPORT

ECHA > Information on Chemicals > Adopted opinions and previous consultations on applications for authorisation

## Adopted opinions and previous consultations on applications for authorisation

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RELATED LINKS

- Comitology register
- European Commission: Authorisation decisions

- Current consultations
- Applications for Authorisation

Page 1 of 2 | 200 Items per Page | Showing 1 - 200 of 205 results. | -- First | Previous | Next | Last --

ID	Application type	Name	EC Number	CAS Number	Applicant(s)	Use name	Status	
0032-04	Initial	Chromium trioxide	215-607-8	1333-82-0	<ul style="list-style-type: none"><li>LANXESS Deutschland GmbH in its legal capacity as Only Representative of LANXESS CISA (Pty) Ltd.</li><li>Atotech Deutschland GmbH</li><li>Aviall Services Inc</li><li>BONDEX TRADING LTD in its legal capacity as Only Representative of Aktyubinsk Chromium Chemicals Plant, Kazakhstan</li><li>CROMITAL S.P.A. in its legal capacity as Only Representative of Soda Sanayii A.S.</li><li>Elementis Chromium LLP in its legal capacity as Only Representative of Elementis Chromium Inc</li><li>Enthone GmbH</li></ul>	Surface treatment for applications in the aeronautics and aerospace industries, unrelated to Functional chrome plating or Functional chrome plating with decorative character	Opinions adopted	<a href="#">Details</a>

Then, click on DETAILS

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# HOW TO REVIEW AN AUTHORISATION APPLICATION

Name	Chromium trioxide
EC Number	215-607-8
CAS Number	1333-82-0
Entry Nr in Annex XIV	16
Use name	Surface treatment for applications in the aeronautics and aerospace industries, unrelated to Functional chrome plating or Functional chrome plating with decorative character
Broad information on use applied for (conditions of use and function)	<p>This use involves the surface treatment of a metal surface with a water based chromium trioxide containing mixture (e.g. chromic acid) to convert or coat the surface and thereby deliver a barrier film of complex chromium compounds and related on-site formulation. It represents industrial processes applied in the aeronautics and aerospace industry, where a water based chromium trioxide containing mixtures is typically used in one or more of a series of integrated treatments. Pre-treatment includes processes such as chemical polishing, stripping, deoxidizing, pickling and etching of metals. Main treatment includes processes such as conversion coatings, passivation and anodizing, deposition and other surface treatments where a water based chromium trioxide containing mixture is used. Post-treatment includes processes such as rinsing, staining and sealing for final surface protection.</p> <p>The surface treatment applied for can be used to effectively treat articles or components of many different sizes and shapes. The main form of application is dipping or immersion of parts in a bath or in a series of baths containing chromium trioxide mixtures in closed or open systems.</p> <p>The mixture containing chromium trioxide is sometimes additionally applied by spraying and occasionally by brush or with a pen-stick, especially to small, localised areas. The concentration of hexavalent chrome remaining within the surface coating is typically below detection levels, however occasionally hexavalent chrome may be present on purpose. Machining operations, like fettling, drilling, riveting, edging, abrading, or sanding, might be necessary during industrial post-treatment of coated parts. Therefore, exposure to hexavalent chrome containing dust during these activities is also considered in this exposure scenario.</p> <p>The result of the surface treatment process is a barrier film which provides a range of desired properties to the finished article. It protects the metal from corrosion and provides a base for subsequent treatments, such as painting or bonding in combination with other important functional characteristics. Examples of aeronautics/aerospace sector specific surface treatment applications include, amongst others, the following:</p> <ul style="list-style-type: none"><li>main landing gear, nose landing gear, access and freight doors, lightning strike shielding, gallery and lavatory, pyrotechnic equipment, interstage skirts, fuselage, cockpit frames, engine intake areas, tail rotor assembly.</li></ul> <p>Annual tonnage used: approximately 1000 tonnes (sum of use 4 and 5) of chromium trioxide, equivalent to 500 tonnes of Cr (VI). Requested review period: 12 years</p>
Use applied for number in application for authorisation	4
Broad information on use applied for (Use descriptor system)	<p>Sector of end use (SU): SU 0: Other: Aerospace, aeronautics and related industries Environmental release category (ERC): ERC 6b Process category (PROC): PROC 1, 2, 4, 5, 7, 8a, 8b, 10, 13, 15, 21, 24, 26 Product category (PC): PC 14 Technical Function: Ingredient used in surface treatment processes to deliver a barrier film of complex chromium compounds</p>

Overview of the uses in the application

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# HOW TO REVIEW AN AUTHORISATION APPLICATION

Summary table of representative RMMs and OCs (non confidential)	
Section 9 and 10 of the CSR (non confidential)	
Analysis of Alternatives (non confidential report)	
Substitution Plan (non confidential summary)	
Socio-Economic Analysis (non confidential report)	
Joint Analysis of Alternatives and Socio-Economic Analysis (non confidential report)	
Additional information	
ID	0032-04
Applicant(s)	<ul style="list-style-type: none"><li>LANXESS Deutschland GmbH in its legal capacity as Only Representative of LANXESS CISA (Pty) Ltd.</li><li>Atotech Deutschland GmbH</li><li>Aviall Services Inc</li><li>BONDEX TRADING LTD in its legal capacity as Only Representative of Aktyubinsk Chromium Chemicals Plant, Kazakhstan</li><li>CROMITAL S.P.A. in its legal capacity as Only Representative of Soda Sanayii A.S.</li><li>Elementis Chromium LLP in its legal capacity as Only Representative of Elementis Chromium Inc</li><li>Enthone GmbH</li></ul>
Application type	Initial
Status	Opinions adopted
Other consultations on the same/ similar use	
Comments submitted to date	<a href="#">View comments</a>
Response to comments by applicant	
Compiled RAC and SEAC opinions	
Minority positions	
Adopted commission decision (OJ summary)	
Explanatory note	

List of Applicants

You must procure from an applicant,







or

Verify that your chemical supplier(s) procure from them

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Adopted commission decision (OJ summary)	
Explanatory note	

Summary and detailed sections of the Chemical Safety Report

Review in detail to ensure compliance with worker Exposure Scenarios (ESs) and Risk Management Measures (RMMs) identified

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# HOW TO REVIEW AN AUTHORISATION APPLICATION

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Socio-Economic Analysis (non confidential report)	
Joint Analysis of Alternatives and Socio-Economic Analysis (non confidential report)	
Additional information	
ID	0032-04
Applicant(s)	<ul style="list-style-type: none"><li>LANXESS Deutschland GmbH in its legal capacity as Only Representative of LANXESS CISA (Pty) Ltd.</li><li>Atotech Deutschland GmbH</li><li>Aviall Services Inc</li><li>BONDEX TRADING LTD in its legal capacity as Only Representative of Aktymbinsk Chromium Chemicals Plant, Kazakhstan</li><li>CROMITAL S.P.A. in its legal capacity as Only Representative of Soda Sanayii A.S.</li><li>Elementis Chromium LLP in its legal capacity as Only Representative of Elementis Chromium Inc</li><li>Enthone GmbH</li></ul>
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Explanatory note	

RAC and SEAC  
Recommendation to  
the EU Commission  
(Opinion)

or

Final Decision  
(when available)

Review documents  
for any additional  
conditions for users  
of the Authorisation

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# AUTHORISED IMPORTERS / DISTRIBUTORS FOR **CHROMIUM TRIOXIDE / FORMULATIONS** AFTER 21 SEPTEMBER 2017

SVHC	ECHA Consultation Number	Use name	Applicant
Chromium trioxide	<a href="#">0032-01</a>	Formulation of mixtures	LANXESS Deutschland GmbH, Atotech Deutschland GmbH, Aviall Services Inc, BONDEX TRADING LTD, CROMITAL S.P.A., Elementis Chromium, Enthone GmbH
Chromium trioxide	<a href="#">0032-02</a>	Functional Chrome Plating	LANXESS Deutschland GmbH, Atotech Deutschland GmbH, Aviall Services Inc, BONDEX TRADING LTD, CROMITAL S.P.A., Elementis Chromium, Enthone GmbH
Chromium trioxide	<a href="#">0032-04</a>	<b>Surface treatment for applications in the aeronautics and aerospace industries, unrelated to Functional chrome plating or Functional chrome plating with decorative character</b>	LANXESS Deutschland GmbH, Atotech Deutschland GmbH, Aviall Services Inc, BONDEX TRADING LTD, CROMITAL S.P.A., Elementis Chromium, Enthone GmbH
Chromium trioxide	<a href="#">0032-05</a>	Surface treatment (except passivation of tin-plated steel (ETP)) for applications in various industry sectors namely architectural, automotive, metal manufacturing and finishing, and general engineering (unrelated to Functional chrome plating or Functional chrome plating with decorative character)	LANXESS Deutschland GmbH, Atotech Deutschland GmbH, Aviall Services Inc, BONDEX TRADING LTD, CROMITAL S.P.A., Elementis Chromium, Enthone GmbH
Chromium trioxide	<a href="#">0096-01</a>	Use of chromium trioxide for chemical conversion and slurry coating applications by aerospace companies and their suppliers	Wesco Aircraft EMEA, LTD.

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# AUTHORISED IMPORTERS / DISTRIBUTORS FOR **POTASSIUM DICHROMATE/ FORMULATIONS** AFTER 21 SEPTEMBER 2017

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ECHA Consultation Number	Use name	Applicant
0044-01	Formulation of mixtures	Brenntag UK Ltd
0044-02	Use of potassium dichromate for surface treatment of metals such as aluminium, steel, zinc, magnesium, titanium, alloys, composites and sealings of anodic films (for applications in the aeronautics and aerospace industries,)	Brenntag UK Ltd
0098-01	Use of sodium dichromate for sealing after anodizing applications by aerospace companies and their suppliers	Wesco Aircraft EMEA, LTD.

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# AUTHORISED IMPORTERS / DISTRIBUTORS FOR **SODIUM CHROMATE / FORMULATIONS** AFTER 21 SEPTEMBER 2017

ECHA Consultation Number	Use name	Applicant
0099-01	Formulation of Mixtures of sodium chromate for sealing after anodizing, chemical conversion coating, pickling and etching applications by aerospace companies and their suppliers	Aviall Services Inc Wesco Aircraft EMEA, LTD.
0099-02	Use of sodium chromate for sealing after anodizing, chemical conversion coating, pickling and etching applications by aerospace companies and their suppliers	Aviall Services Inc Wesco Aircraft EMEA, LTD.

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# AUTHORISED IMPORTERS / DISTRIBUTORS FOR **SODIUM DICHROMATE / FORMULATIONS** AFTER 21 SEPTEMBER 2017

ECHA Consultation Number	Use name	Applicant
0043-01	Formulation of mixtures	Brenntag UK Ltd, Henkel AG & Co. KGaA, AD International BV
0043-02	Use of Sodium dichromate for surface treatment of metals such as aluminium, steel, zinc, magnesium, titanium, alloys, composites and sealings of anodic films (for applications in the aeronautics and aerospace industries,)	Brenntag UK Ltd, Henkel AG & Co. KGaA, AD International BV
0097-01	Use of sodium dichromate for sealing after anodizing applications by aerospace companies and their suppliers	Wesco Aircraft EMEA, LTD.

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# AUTHORISED IMPORTERS / DISTRIBUTORS FOR **DICHRONIUM TRIS CHROMATE / FORMULATIONS** AFTER 22 JANUARY 2019

ECHA Consultation Number	SVHC	Use name	Applicant
0045-01	Dichromium (tris) chromate	Formulation of mixtures	Henkel AG & Co. KGaA, Henkel Global Supply Chain B.V.
0045-02	Dichromium (tris) chromate	Use of dichromium tris(chromate) for surface treatment of metals such as aluminium, steel, zinc, magnesium, titanium alloys, composites, sealings of anodic films (for applications in the aeronautics and aerospace industries,)	Henkel AG & Co. KGaA, Henkel Global Supply Chain B.V.
0116-01	Dichromium (tris) chromate	Use of dichromium tris(chromate) for chemical conversion coating applications by aerospace and defence companies and their associated supply chains	Wesco Aircraft EMEA, LTD.

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# AUTHORISED IMPORTERS / DISTRIBUTORS FOR **POTASSIUM HYDROXYOCTAOXODIZINCATE DICHROMATE / FORMULATIONS** AFTER 22 JANUARY 2019

ECHA Consultation Number	Use name	Applicant
0047-01	Formulation of mixtures	PPG Industries (UK) Ltd Finalin GmbH PPG Central (UK) Ltd in its legal capacity as Only Representative of PRC DeSoto International Inc. - OR5 PPG Coatings SA Aviall Services Inc
0047-02	Use of potassium hydroxyoctaoxodizincatedichromate in paints, in primer, sealants, and coatings (including as wash primers) (for applications in the aeronautics and aerospace industries,)	PPG Industries (UK) Ltd Finalin GmbH PPG Central (UK) Ltd in its legal capacity as Only Representative of PRC DeSoto International Inc. - OR5 PPG Coatings SA Aviall Services Inc

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# AUTHORISED IMPORTERS / DISTRIBUTORS FOR **STRONTIUM CHROMATE / FORMULATIONS** AFTER 22 JANUARY 2019

ECHA Consultation Number	Use name	Applicant
0046-01	Formulation of mixtures	AKZO Nobel Car Refinishes B.V. Habich GmbH Henkel Global SupplyChain B.V. Indestructible Paint Ltd. Finalin GmbH Mapaero PPG Central (UK) Ltd in its legal capacity as OnlyRepresentative of PRCDDeSoto International Inc. - OR5 PPG Industries (UK) Ltd PPG Coatings SA Aviall Services Inc
0046-02	Application of paints, primers and specialty coatings containing Strontium Chromate in the construction of aerospace and aeronautical parts, including aeroplanes / helicopters, spacecraft, satellites, launchers, engines, and for the maintenance of such constructions.	AKZO Nobel Car Refinishes B.V. Habich GmbH Henkel Global SupplyChain B.V. Indestructible Paint Ltd. Finalin GmbH Mapaero PPG Central (UK) Ltd in its legal capacity as OnlyRepresentative of PRCDDeSoto International Inc. - OR5 PPG Industries (UK) Ltd PPG Coatings SA Aviall Services Inc
0117-01	Use of strontium chromate in primers applied by aerospace and defence companies and their associated supply chains	Wesco Aircraft EMEA, LTD.; PPG Central (UK) Ltd. in its legal capacity as Only Representative of PRC DeSoto International Inc. – OR5; Cytec Engineered Materials Ltd. in its legal capacity as Only Representative of Cytec Industries Inc.

# AUTHORISED IMPORTERS / DISTRIBUTORS FOR PENTAZINC CHROMATE OCTAHYDROXIDE / FORMULATIONS AFTER 22 JANUARY 2019

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ECHA Consultation Number	Use name	Applicant
0118-01	Formulation of mixture	Aviall Services Inc; Finalin GmbH
0118-02	Use of pentazinc chromate octahydroxide in wash primer, fuel tank primer and aluminized primer for the purpose of corrosion protection in aeronautic applications	Aviall Services Inc; Finalin GmbH

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# Reference Links

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EU Chemical Agency (ECHA) website

<https://echa.europa.eu/>

Annex XIV SVHCs

<https://echa.europa.eu/authorisation-list>

Authorisation Applications

[https://echa.europa.eu/applications-for-authorisation-previous-consultations?p\\_p\\_id=viewsubstances\\_WAR\\_echarevsubstanceportlet&p\\_p\\_lifecycle=0&p\\_p\\_state=normal&p\\_p\\_mode=view&p\\_p\\_col\\_id=column-1&p\\_p\\_col\\_pos=2&p\\_p\\_col\\_count=3&viewsubstances\\_WAR\\_echarevsubstanceportlet\\_keywords=&viewsubstances\\_WAR\\_echarevsubstanceportlet\\_advancedSearch=false&viewsubstances\\_WAR\\_echarevsubstanceportlet\\_andOperator=true&viewsubstances\\_WAR\\_echarevsubstanceportlet\\_orderByCol=synonymDynamicField\\_302&viewsubstances\\_WAR\\_echarevsubstanceportlet\\_orderByType=asc&viewsubstances\\_WAR\\_echarevsubstanceportlet\\_resetCur=false&viewsubstances\\_WAR\\_echarevsubstanceportlet\\_delta=200](https://echa.europa.eu/applications-for-authorisation-previous-consultations?p_p_id=viewsubstances_WAR_echarevsubstanceportlet&p_p_lifecycle=0&p_p_state=normal&p_p_mode=view&p_p_col_id=column-1&p_p_col_pos=2&p_p_col_count=3&viewsubstances_WAR_echarevsubstanceportlet_keywords=&viewsubstances_WAR_echarevsubstanceportlet_advancedSearch=false&viewsubstances_WAR_echarevsubstanceportlet_andOperator=true&viewsubstances_WAR_echarevsubstanceportlet_orderByCol=synonymDynamicField_302&viewsubstances_WAR_echarevsubstanceportlet_orderByType=asc&viewsubstances_WAR_echarevsubstanceportlet_resetCur=false&viewsubstances_WAR_echarevsubstanceportlet_delta=200)

ECHA Q&A on Authorisation

[https://echa.europa.eu/support/qas-support/browse/-/qa/70Qx/view/scope/REACH/Authorisation?journalqadisplay\\_WAR\\_journalqaportlet\\_INSTANCE\\_70Qx\\_backURL=https%3A%2F%2Fecha.europa.eu%2Fsupport%2Fqas-support%2Fbrowse%3Fp\\_p\\_id%3Djournalqadisplay\\_WAR\\_journalqaportlet\\_INSTANCE\\_70Qx%26p\\_p\\_lifecycle%3D0%26p\\_p\\_state%3Dnormal%26p\\_p\\_mode%3Dview%26p\\_p\\_col\\_id%3Dcolumn-1%26p\\_p\\_col\\_pos%3D2%26p\\_p\\_col\\_count%3D3](https://echa.europa.eu/support/qas-support/browse/-/qa/70Qx/view/scope/REACH/Authorisation?journalqadisplay_WAR_journalqaportlet_INSTANCE_70Qx_backURL=https%3A%2F%2Fecha.europa.eu%2Fsupport%2Fqas-support%2Fbrowse%3Fp_p_id%3Djournalqadisplay_WAR_journalqaportlet_INSTANCE_70Qx%26p_p_lifecycle%3D0%26p_p_state%3Dnormal%26p_p_mode%3Dview%26p_p_col_id%3Dcolumn-1%26p_p_col_pos%3D2%26p_p_col_count%3D3)

ECHA's instructional page on Notification Requirements for Use of Authorised SVHCs

<https://echa.europa.eu/support/dossier-submission-tools/reach-it/downstream-user-authorized-use>

IAEG Authorisation Work Group (Work Group 5)

<http://www.iaeg.com/workgroups/wg5/>

[http://iaeg.com/elements/pdf/wg5\\_communication\\_on\\_chromates\\_authorisation\\_b.pdf](http://iaeg.com/elements/pdf/wg5_communication_on_chromates_authorisation_b.pdf)

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# FOLLOW-ON QUESTIONS

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**If you have company- specific questions, please contact:**

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**Pratt & Whitney Canada:**

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# Q&A

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**The Q&A session can be found on the live recording. Please use the link provided to you after the webinar.**

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