



EUROPEAN COMMISSION

Directorate-General for Internal Market, Industry, Entrepreneurship and SME's
Chemicals, Bioeconomy and Retail

REACH

Bioeconomy, chemicals, cosmetics

Directorate-General for Environment

Zero Pollution, Water Resilience & Green urban transition

Safe and Sustainable Chemicals

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1 – 2 July 2026

Concerns:	2026 update of the rolling list of the Restrictions Roadmap
Agenda point:	8.1 REACH
Annexed document:	Draft revised rolling list (AP8.1_REACH_30_2026_Annex_Restrictions-Roadmap_rolling- list_draft.pdf)
Action Requested:	Members and Observers are invited to comment on the document. Written comments to be sent by 31 July 2026 to: GROW-CARACAL@ec.europa.eu ENV-CARACAL@ec.europa.eu

1. Introduction: the (rolling list of the) Restrictions Roadmap

The **Restrictions Roadmap**, published in April 2022 as a [Commission Staff Working Document](#), sets out in its [Rolling List](#) the ongoing work on restrictions under REACH, at different stages of their preparation. The Roadmap aims to provide transparency on the Commission's regulatory planning, flexibility on when and how to regulate according to strategic priorities, while taking into account the need for commitment and resources to ensure progress on restricting harmful substances.

The inclusion of a substance in the Roadmap is not an undertaking that a REACH restriction will finally be adopted. The Roadmap's rolling list, prepared in cooperation with ECHA, is an evolving tool, differentiating between substances to be subject to a restriction and substances still under assessment in order to conclude whether a REACH restriction is warranted. Therefore, as assessments proceed, substances and/or groups of substances listed may be subject to a REACH restriction or subject to regulatory action under a different legal framework and therefore removed from the list. Other substances may be added.

The document is prepared by the Commission services and does not necessarily represent the views of the European Commission. It is not legally binding. Furthermore, the Roadmap does not affect the Member States' right to propose new restrictions, including those for substances not (yet) included in the Roadmap.

2. Progress on restrictions

The Commission works on several restrictions in parallel. Once the European Chemicals Agency (ECHA) submits an opinion, Commission services develop a draft proposal, taking into account the opinions of ECHA's scientific committees and any other relevant factors, to ensure a careful consideration of the complex issues often involved. Such proposals aim to balance the needs of the environment, human health, society and the economy, based on thorough assessments and taking into account stakeholder input. Consequent discussions in the REACH committee might take significant time, depending on the complexity or sensitivity of each restriction.

Although developing science-based, proportionate and enforceable restrictions requires time, substantial progress has been made on most substances where a REACH restriction was identified as the preferred regulatory option in the 2022 version of the Roadmap. Since April 2022, 11 REACH restrictions covering (groups of) substances with various hazardous properties have been adopted (six more are in the final pipeline) and for two additional ones, the risks were addressed via the POPs Regulation.

The adopted REACH restrictions concern: *2,4-dinitrotoluene; PFAS in firefighting foams; aprotic solvents (DMAC and NEP); PAHs in clay targets; PFHxA (a group of PFAS); siloxanes (D4, D5, D6); microplastics; formaldehyde and formaldehyde releasing substances; lead and its compounds in PVC and two updates (covering 48 newly identified (groups of) substances) to the restriction on carcinogens, mutagens and reproductive toxicants supplied to the general public.*

In the final process of discussion in the REACH committee/adoption: *lead in fishing tackle (expected adoption in 2026); an additional restriction on 26 newly identified carcinogens, mutagens and reproductive toxicants supplied to the general public (expected adoption in 2026); creosote; terphenyl hydrogenated; carcinogenic, mutagenic and reprotoxic substances in childcare products; lead in gunshot.*

In addition, there are 3 restrictions under opinion-making by ECHA's Committees: octocrilene; the Universal PFAS restriction proposal; as well as the proposal for a restriction on the use of hexavalent chromium substances. This work absorbs an important part of ECHA's available resources for developing restrictions dossiers and opinions.

3. A new, more transparent format for the Roadmap's rolling list

The rolling list is regularly reviewed and updated in close cooperation with ECHA. The intention to provide this third update of the rolling list of the Roadmap was announced at the Risk Management and Evaluation (RIME+) meeting on 12 May 2026, and ECHA and Member States were invited to share with the Commission updates on the files they had worked on.

Compared to previous versions of the Restrictions Roadmap, the new update introduces a clearer, more chronological structure.¹ Transparency is improved and stakeholder engagement facilitated by ensuring that at all stages of the restriction process, from initial assessment to final adoption, the intentions and progress are visible:

- Table 1 lists the restrictions adopted since the publication of the first Roadmap, to take stock on the regulatory process and its effectiveness.
- Table 2 lists the restriction proposals currently under discussion within the Commission or with the REACH Committee, allowing to identify the next regulatory actions.
- Table 3 lists the substances in the ECHA opinion-making phase, where the risk and socio-economic impacts are being assessed by ECHA's scientific committees.

Annexes I–III provide a forward-looking regulatory landscape, ensuring identification of new and emerging risks, as well as stakeholder and responsible authorities awareness.

- Annex I: includes 2 types of entries depending on the state of progress:
 - Restrictions that are already included in the Registry of Intention (RoI) or where the Commission has requested ECHA to prepare a restriction dossier (former 'pool 0').
 - Restrictions that are under consideration by ECHA, Member States or the Commission, for which work is already advanced, and other entries for which classification under the CLP Regulation or SVHC-identification under REACH is discussed as the next regulatory action, prior to a (potential) restriction (former 'pool 1').
- Annex II: groups of substances under assessment (by Member States or by ECHA as part of its assessment of regulatory needs or article 69 (2)), with a restriction as a potential regulatory management option (former 'pool 2').
- Annex III: overview of the outcomes of ECHA's REACH Article 69(2) assessments of the risk from the use in articles of substances on the Authorisation List (REACH Annex XIV).

¹ Prior to this update, substances in Annex I were presented in Pools, where Pool 0 contained restriction mandates to ECHA, Pool 1 contained planned restrictions not yet on the ROI for restriction, all categorised within their pools on the basis of which authority initiated the restriction (e.g., Commission, Article 69.2 or Member State). Appendix 1 included restriction cases under opinion making, decision making or recently decided. This structure was deemed difficult to understand.

Update of the European Commission's rolling list of the "Restrictions Roadmap" [SWD(2022) 128 final] – version 2026¹ (draft for discussion in CARACAL-58, 2 July)

Table 1: Measures adopted by the Commission since April 2022²

	Restriction case	Link to Decision	Hazard / Restricted use (in short)
1	2,4-dinitrotoluene in articles	Commission Regulation (EU) 2026/859 of 20 April 2026 amending Annex XVII to REACH	Carcinogen cat 1B Use as substance in articles for professional users or the general public
2	Per- and polyfluoroalkyl substances (PFASs) in firefighting foams	Commission Regulation (EU) 2025/1988 of 2 October 2025 amending Annex XVII to REACH (+ guidance for the transition)	Very persistent, mobile in aquatic environment, potential adverse effects on human health and environment Industrial, professional and consumer use in firefighting foams
3	19 (groups of) substances with new harmonised CMR 1A or 1B hazard classification	Commission Regulation (EU) 2025/1731 of 8 August 2025 amending Annex XVII to REACH	Carcinogens, mutagens and reprotoxic substances Cat 1A and 1B in Part 3 of Annex VI to Regulation (EC) No 1272/2008. Use as substance or in mixtures for supply to the general public

¹ Compared to previous updates, the structure of this document has changed, introducing a more intuitive, chronological order: the most recent decisions are now mentioned first (Table 1), followed by restrictions expected to be adopted soon (Table 2), then restrictions in the opinion-making phase (Table 3) and finally potential restrictions in earlier preparation phases (Annexes I, II and III).

² Restriction cases for which, following the publication of the first Restrictions Roadmap of April 2022, a decision has been taken to amend the list of restrictions in Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council (REACH) or a Commission Decision to terminate a restriction procedure has been adopted.

4	N,N-dimethylacetamide (DMAC); 1-ethylpyrrolidin-2-one (NEP)	Commission Regulation (EU) 2025/1090 of 2 June 2025 amending Annex XVII to REACH	DMAC: Reprotoxic cat 1B (developmental tox.) and acute toxic cat 4; NEP: Reprotoxic cat 1B (developmental tox.) Placing on the market, manufacture, or use as a substance or in mixtures
5	Dechlorane Plus ^{TM 3}	Commission Delegated Regulation (EU) 2025/1930 of 15 May 2025 amending Regulation (EU) 2019/1021 on persistent organic pollutants	Persistence Substance listed under the Stockholm Convention and listed under the POPs Regulation (Initially considered REACH restriction (Registry of Intention on 9 April 2021, RAC/SEAC opinion in June 2022))
6	Substances containing polycyclic aromatic hydrocarbons (PAHs) in clay targets for shooting	Commission Regulation (EU) 2025/660 of 1 April 2025 amending Annex XVII to REACH	Carcinogens, (very) persistent, (very) bioaccumulative Placing on the market or use, on their own or as constituents of other substances, in clay targets for shooting
7	Undecafluorohexanoic acid (PFHxA), its salts and related substances	Commission Regulation (EU) 2024/2462 of 19 September 2024 amending Annex XVII to REACH (+ explanatory guide)	Very persistent, mobile in aquatic environment, potential adverse effects on human health and environment Placing on the market or use in textiles, leather, furs and hides in clothing and footwear for the general public, in food contact materials, in mixtures for the general public, in cosmetic products, in firefighting foams

³ 1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ('Dechlorane Plus'TM) covering any of its individual anti- and syn-isomers or any combination thereof.

8	Siloxanes (Octamethylcyclotetrasiloxane (D4); Decamethylcyclopentasiloxane (D5); dodecamethylcyclohexasiloxane (D6))	Commission Regulation (EU) 2024/1328 of 16 May 2024 amending Annex XVII to REACH	Very persistent, very bioaccumulative (D4, D5, D6) and toxic (D4) Placing on the market or use as substance or in mixtures for industrial, professional and consumer use
9	Synthetic polymer microparticles (microplastics)	Commission Regulation (EU) 2023/2055 of 25 September 2023 amending Annex XVII to REACH + Correcting act 02/06/2026	Concerns about general impact on the environment and, potentially, on human health Use as substances on their own or in mixtures for professional and consumer use
10	Formaldehyde and formaldehyde releasing substances	Commission Regulation (EU) 2023/1464 of 14 July 2023 amending Annex XVII to REACH	Carcinogen 1B, mutagen cat 2, acute toxicant cat 3, skin corrosive cat 1B and skin sensitiser cat 1 Use in articles releasing formaldehyde
11	29 (groups of) substances with new harmonised CMR 1A or 1B hazard classification	Commission Regulation (EU) 2023/1132 of 8 June 2023 amending REACH as regards CMRs subject to restrictions	Carcinogens, mutagens and reprotoxic substances Cat 1A and 1B in Part 3 of Annex VI to Regulation (EC) No 1272/2008. Use as substance or in mixtures for supply to the general public
12	Lead and its compounds in PVC	Commission Regulation (EU) 2023/923 of 3 May 2023 amending Annex XVII to REACH	Very toxic to aquatic life, toxic for reproduction Use in articles produced from polymers or copolymers of vinyl chloride ('PVC')
13	Perfluorohexane sulfonic acid (PFHxS), its salts and PFHxS-related compounds	Regulation (EU) 2022/2400 of 23 November 2022 amending Annexes IV and V to Regulation (EU) 2019/1021 on persistent organic pollutants + Commission Delegated Regulation (EU) 2023/1608 of 30 May 2023 amending Annex I to Regulation (EU) 2019/1021 on persistent organic pollutants	Very persistent, mobile in aquatic environment, potential adverse effects on human health and environment Substances listed under the Stockholm Convention and listed under the POPs Regulation

14	Substances in single-use baby diapers	Commission Decision of 11.3.2026	Taking into account the Annex XV dossier and the opinions of RAC and SEAC, the Commission concluded that an unacceptable risk to human health or to the environment was not demonstrated.
15	Cobalt carbonate; cobalt di(acetate); cobalt dichloride; cobalt dinitrate; cobalt sulphate	Commission Decision of 8.4.2022	Carcinogens REACH restriction process terminated. Measures to address the risks to workers from the exposure to cobalt and its compounds are being taken in accordance with Directive 2004/37/EC on the protection of workers from the risks related to exposure to carcinogens or mutagens at work.

Table 2: Restriction cases under decision-making⁴

	Restriction case	Link to RoI or to draft Commission Decision in Comitology Register	Hazard / Restricted use (in short)	State of play
1	Medium-chain chlorinated paraffins (MCCP) and other substances that contain chloroalkanes with carbon chain lengths within the range from C14 to C17	ECHA-CHEM-Restrictions-RoI-MCCP	Persistence The Commission prepared a proposal based on both the Stockholm Convention decision and on the opinion of the ECHA's Committees to restrict MCCP under Regulation (EU) 2019/1021 (EU POP Regulation)	COM proposal under adoption
2	Lead in certain fishing tackle	Draft Commission Regulation D110163/04	Very toxic to aquatic life and toxic for reproduction Use in fishing lures, sinkers, wires	Positive vote in REACH Cttee on 29/4/2026. Under scrutiny until 30 July 2026
3	26 (groups of) substances with new harmonised CMR 1A or 1B hazard classification	D112095/05 - Comitology Register	Carcinogens, mutagens and reprotoxic substances Cat 1A and 1B in Part 3 of Annex VI to Regulation (EC) No 1272/2008. Use as substance or in mixtures for supply to the general public	Positive vote in REACH Cttee on 29/4/2026. Being translated; launch scrutiny period imminent.

⁴ Cases where ECHA's committees have adopted their opinions and the Commission will provide or has provided a draft amendment to the list of restrictions in Annex XVII to REACH (or for an alternative risk management option); the final decision is yet to be taken in a comitology procedure with scrutiny involving the Member States and the European Parliament. Alternatively, a Commission Decision on the termination of the restriction procedure is yet to be adopted.

	Restriction case	Link to RoI or to draft Commission Decision in Comitology Register	Hazard / Restricted use (in short)	State of play
4	Lead in gunshot	D105447/06 - Comitology Register	Very toxic to aquatic life, and toxic for reproduction Use in ammunition	First draft presented in REACH Cttee on 27/02/2025
5	Creosote and creosote-related substances	ECHA-CHEM-Restrictions-RoI-creosote	Carcinogen category 1B Prohibition of the reuse, use for other purposes than the original use and further placing on the market of creosote-treated wood, with derogations for railway sleepers and utility poles for electricity or telecommunication lines.	Vote planned in REACH Cttee June 2026
6	Terphenyl, hydrogenated	ECHA-CHEM-Restrictions-RoI-terphenyl	Very persistent and very bioaccumulative (vPvB) Restriction on placing on the market and use with (conditional) derogations for industrial heat transfer fluids, aerospace applications and defence applications	First draft presented in REACH Cttee on 29/04/2026
7	Calcium cyanamide	ECHA-CHEM-Restrictions-RoI-Ca-cyanamide D106531/01 - Comitology Register	Aquatic Chronic 3 Use as a fertiliser	First draft presented in REACH Cttee on 29/04/2025

	Restriction case	Link to RoI or to draft Commission Decision in Comitology Register	Hazard / Restricted use (in short)	State of play
8	Carcinogens, germ cell mutagens and reproductive toxicants (CMRs) in childcare products	D114774/01 - Comitology Register	Carcinogens, germ cell mutagens and reproductive toxicants category 1A or 1B Use in childcare products	First draft presented in REACH Cttee on 29/04/2026
9	Skin sensitising, irritative and/or corrosive substances in textile, leather, hide and fur articles	ECHA-CHEM-Restrictions-RoI-skin sensitisers et al	Skin sensitisers, irritants, corrosive substances Use in certain articles for consumer use	First draft under preparation

Table 3: Restriction cases under opinion-making by ECHA's committees⁵

	Restriction case	Scope of the proposed restriction	State of play
1	Octocrilene Annex XV dossier prepared by FR	Restricting the placing on the market of finished cosmetic products containing octocrilene in a concentration equal to or greater than 0.001% w/w. Aquatic toxicity Octocrilene in in finished cosmetic ingredients.	Adoption ECHA opinions expected in 2026
2	Per- and polyfluoroalkyl substances (PFAS) ('Universal PFAS restriction') Annex XV dossier prepared by DK, DE, NL, SE and NO	Restriction on the manufacture, placing on the market and use of PFASs. Very persistent, mobile in aquatic environment, potential adverse effects on human health and environment Industrial, professional and consumer uses	Adoption ECHA opinions expected in 2026
3	Certain chromium(VI) oxides, oxyacids and salts Annex XV dossier prepared by ECHA after Commission Mandate	Restricting the use of certain chromium(VI) substances Carcinogenicity Industrial uses	Adoption ECHA opinions expected in 2026

⁵ List of submitted restriction dossiers that are currently subject to opinion-making procedure in the ECHA Risk Assessment and Socio-Economic Assessment Committees.

ANNEX I - Rolling List of (groups of) substances with ongoing work towards potential future restrictions⁶

In this Annex there are 2 types of entries depending on the state of progress

- a) Restrictions that are already included in the Registry of Intention (RoI) or where the Commission has requested ECHA to prepare a restriction dossier.
- b) Restrictions that are under consideration by ECHA, Member States or the Commission for restriction for which work is already very advanced and other entries for which classification under the CLP Regulation or SVHC-identification under REACH is discussed as the next regulatory action, prior to a (potential) restriction.

	Subject of restriction proposal and submitter	Hazard concerns and uses	Additional information	State of play / timeline
1	Certain non-polymeric aromatic brominated flame retardants ECHA	PBT and vPvB Articles	Restricting the placing on the market of electrical and electronic equipment (EEE), construction products and textile products if containing certain non-polymeric aromatic brominated flame retardants.	Included in the RoI with expected date of submission of Annex XV dossier: Dec 2026
2	Bisphenols with endocrine disrupting properties for the environment and their salts DE	ED for ENV Industrial, Professional, Consumer, Articles	The restriction targets uses associated with significant emission potential (leather tanning and leather articles; textile finishing agents and textile articles; thermal paper; and articles and mixtures made from polyvinyl chloride (PVC)). See also entry 11 of Annex I regarding bisphenols and human health.	Included in the RoI with expected date of submission of Annex XV dossier: 12 March 2027

⁶ In Annexes I and II, the following acronyms are used : Carc = carcinogen, ED = endocrine disruptor, ENV = environment, HH = human health, Mut = Mutagen, PBT = persistent, bioaccumulative and toxic, PMT = persistent, mobile and toxic, Reprotox = reproductive toxicant, RoI = Registry of Intention, STOT RE = specific target organ toxicity – repeated exposure, vPvB = very persistent and very bioaccumulative

	Subject of restriction proposal and submitter	Hazard concerns and uses	Additional information	State of play / timeline
3	Certain phenyl-p-phenylenediamines (PPDs) and other para-substituted phenylenediamines (PDs) NL and AT	Aquatic toxicity and Reprotox Articles	Restricting manufacture, placing on the market and use of 6PPD and related compounds in rubber tyres and potentially other rubber goods due to unacceptable risks to the aquatic environment. (See also RMOA. ⁷) Where feasible, a grouping approach will be applied to prevent regrettable substitution. The chemical scope of the restriction is to be determined based on information available on analogues of 6PPD and will include substances in the group of PPDs and other para-substituted PDs. Not necessarily all substances belonging to this group will be proposed for restriction.	Included in the RoI with expected date of submission of Annex XV dossier: 12 March 2027
4	Follow up from the investigation report on PVC and its additives	Multiple hazard properties Articles	Following the published investigation report on PVC and PVC additives ⁸ the following actions were taken: Ortho-phthalates: France submitted a CLH proposal for C4-C6 ortho-phthalates (see entry 5 of Annex I) Organotin substances: the Commission requested ECHA to prepare a scoping study on organotin substances in May 2025, which runs for 2 years. Substances foreseen to be addressed by an OEL. As indicated in entry 5 of Annex I, ECHA may be requested to prepare a restriction proposal on C4-C6 ortho-phthalates.	Ongoing work on organotins and ortho-phthalates

⁷ <https://echa.europa.eu/assessment-regulatory-needs/-/dislist/details/0b0236e188811f2b>

⁸ <https://echa.europa.eu/completed-activities-on-restriction>

	Subject of restriction proposal and submitter	Hazard concerns and uses	Additional information	State of play / timeline
5	Ortho-phthalates (C4-C6) ECHA to be mandated by the Commission	Reprotox, ED for ENV and for HH Professional, Consumer, Articles	From ECHA's assessment of regulatory needs on phthalates. Possible restriction via Article 69(1) extending the existing restriction on 4 phthalates DEHP, DBP, BBP and DIBP in articles. Restriction may cover in addition to phthalates listed in Annex XIV other ortho-phthalates as suggested in ECHA's assessment of regulatory needs. France has submitted a proposal for a group CLH entry for C4-C6 ortho-phthalates ⁹ . RAC opinion available by June 2027.	Commission might mandate ECHA to prepare a restriction proposal (first half of 2027)
6	Organophosphorus flame retardants (OPFRs) and potential alternatives to certain aromatic brominated flame retardants ECHA, in collaboration with NO	Hazards to be confirmed Articles	The Commission requested ECHA to prepare investigation report on organophosphorus flame retardants ¹⁰ . Report 1 should describe possible implications of substituting non-polymeric aromatic brominated flame retardants with alternative flame retardants. Report 2 should be a comprehensive review of all organophosphorus flame retardants across applications.	Report 1: due by December 2026 Report 2: due by December 2027 Depending on the findings of the reports, the Commission may request ECHA to prepare a restriction proposal.
7	Substances in critical fibre form with carcinogenic properties DE	Carc Industrial, Professional, Consumer	Restriction of fibre materials (as substances as such, in other substances, in mixtures or articles) with the potential to release biopersistent fibre dusts fulfilling the WHO criteria.	To be defined

⁹ <https://chem.echa.europa.eu/100.394.700/activities/clhProcess/9eba38e5388219778a556aada5bdbc60>

¹⁰ https://echa.europa.eu/documents/10162/17233/rest_abfr_opfr_com_mandate_en.pdf/378362be-f4f6-c47d-21af-4f11e0c4b0eb?t=1764142925040

	Subject of restriction proposal and submitter	Hazard concerns and uses	Additional information	State of play / timeline
8	1,4-dioxane DE	Carc, Equivalent level of concern having probable serious effects to human health and environment ('PMT-like') Industrial, Professional, Consumer	Restriction of certain uses of 1,4 dioxane to minimise emissions into the environment. A call for evidence on the use of 1,4-dioxane in the production, processing, and recycling of PET is ongoing until 27 July 2026. Carc. properties also addressed under CMRD6 (setting an OEL).	To be defined COM proposal for CMRD6 revision under evaluation by co-legislators.
9	Hydrocarbyl siloxanes ECHA to be mandated by the Commission	PBT/vPvB (Industrial), Professional, Consumer, Articles	ECHA, Member States and COM are assessing the need for further regulatory risk management measures for a group of hydrocarbyl siloxanes (linear and branched aliphatic and aromatic siloxanes), as well as cyclic siloxanes and polymeric siloxanes notified under previous legislation (NONS). ECHA's Assessment of Regulatory Needs ¹¹ for hydrocarbyl siloxanes suggests restricting industrial, professional and consumer uses and articles based on PBT/vPvB properties. Three substances from the group identified in 2024 and 2025 as SVHC for vPvB properties (EC 241-867-7, 205-491-7 and 203-497-4).	Commission might mandate ECHA to prepare an investigation report by end 2027 that could be followed by a restriction proposal

¹¹ <https://echa.europa.eu/documents/10162/fc18654c-1901-c7bc-f917-990aad1432b0>

	Subject of restriction proposal and submitter	Hazard concerns and uses	Additional information	State of play / timeline
10	High temperature heat transfer fluids (other than terphenyl, hydrogenated) ECHA to be mandated by the Commission NEW	PBT/vPvB	Commission is assessing the need for further regulatory action, including restrictions, for two heat transfer fluids operating at high temperatures (250°C – 350°C): dibenzylbenzene, ar-methyl derivative (EC-No 258-649-2) and 1,2,3,4-tetrahydro-6-(1 phenylethyl)naphthalene (EC-No. 400-370-7). This would complement the ongoing restriction work on terphenyl, hydrogenated to ensure that all high temperature heat transfer fluids are regulated appropriately and consistently. In January 2026, AT communicated in the CLH Registry of Intentions its plan to submit a CLH proposal for dibenzylbenzene, ar-methyl derivative, as part of a CLH proposal for dibenzyltoluenes (EC-No 248-097-0; CAS No 26898-17-9).	Timing to be decided (incl. on basis of CLH intentions)
11	Bisphenols (4,4'-isopropylidenediphenol (bisphenol A) and structurally related bisphenols (including derivatives)	Reprotox, ED for HH Industrial, Professional, Consumer, Articles	Commission and ECHA are currently assessing the need for further regulatory action, including restrictions, SVHC-identification or CLH for bisphenols and taking into account the work on the restriction dossier for bisphenols with endocrine disrupting properties for the environment and their salts (entry 2 of Annex I). Depending on the outcome of these discussions, the Commission could request ECHA to prepare a restriction dossier that may complement the restriction of some bisphenols for environmental risks (entry 2 of Annex I) due to concerns for human health as well as to cover additional bisphenols.	Timing to be decided after the adoption of the opinions of RAC and SEAC on the restriction proposal on bisphenols with endocrine disrupting properties for the environment and their salts (entry 3 of Annex I).

	Subject of restriction proposal and submitter	Hazard concerns and uses	Additional information	State of play / timeline
12	Substances in thermal paper ECHA to be mandated by the Commission	Reprotox, ED for HH Articles	Commission and ECHA are currently assessing the need for further regulatory action, including restrictions, SVHC-identification or CLH for bisphenols and taking into account the work on the restriction dossier of bisphenol A and structurally related bisphenols (including derivatives) of similar concern for the environment (entry 2 of Annex I). Depending on the outcome of these discussions, the European Commission could request ECHA to prepare a restriction dossier that may complement the restriction of some bisphenols for environmental risks (entry 11 of Annex I) due to concerns for human health as well as to cover additional bisphenols.	Timing to be decided after the adoption of the opinions of RAC and SEAC on the restriction proposal on bisphenols with endocrine disrupting properties for the environment and their salts (entry 3 of Annex I).
13	Lead chromate; Lead sulfochromate yellow (C.I. Pigment Yellow 34); Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	CR Articles	Other materials than PVC might be targeted (risks from these substances in PVC articles are covered by the existing restriction of lead in PVC).	To be defined

Annex II – Groups of substances under assessment with a restriction as a potential regulatory management option

Annex II lists substances that are under assessment with restriction as a potential regulatory management option. For the time being, **no decision has yet been taken on whether a restriction will be prepared**, nor on who submits the dossier (a Member State, or ECHA on behalf of the Commission). Annex II also serves as a list for authorities to develop their priorities for future restriction dossiers. For some (groups of) substances classification under the CLP Regulation or SVHC-identification under REACH might be the next regulatory action, which is then potentially followed by a restriction. Substances are listed in Annex II for different reasons. It includes (groups of) substances for which:

- ECHA's Assessment of Regulatory Needs suggests a restriction as a potential regulatory management option;
- ECHA, in accordance with Art. 69(2), identified a restriction as a regulatory follow-up action;
- Preliminary assessments of Member States, the Commission or working groups involving Member States, the Commission and ECHA suggest that a restriction could potentially be an adequate regulatory management option;
- Review reports or previous assessments indicate that revising a restriction could be necessary.

	Subject of restriction proposal	Type ¹²	Hazard concerns and uses	Additional Information
1	Formaldehyde and formaldehyde releasers	Substances under assessment with restriction as a potential regulatory management option	Carc Articles	Potential occupational risk to workers not covered by the Binding Occupational Exposure Limits (BOEL) e.g. professional and self-employed. Follow-up to review report to be considered.
2	Lead in consumer articles	Substances under assessment with restriction as a potential regulatory management option	Reprotox Articles	Follow-up to review report not a priority due to current state of play of alternatives.

¹² Substances under assessment with restrictions as a potential regulatory management option / ECHA Article 69.2 / Groups where CLH or Candidate Listing to be carried out with restriction as suggested risk management

	Subject of restriction proposal	Type ¹²	Hazard concerns and uses	Additional Information
3	Skin sensitisers in consumer mixtures	Substances under assessment with restriction as a potential regulatory management option	Skin Sensitiser Consumer	Investigative work has begun by a group of Member States.
4	Hydrocarbylphenols [formerly the entry was called "Substances containing 4-tert-butylphenol (4-TBP), 4-nonylphenol and other alkylphenols"]	Substances under assessment with restriction as a potential regulatory management option	ED, Reprotox, (PBT) Industrial, Professional, Consumer, Articles	ECHA's assessment of Regulatory Needs ¹³ for hydrocarbylphenols suggests restriction (potentially as a stepwise approach) for certain hydrocarbylphenol substances as such, substances containing hydrocarbylphenols as minor constituents, precursors that degrade to hydrocarbylphenols and other substances potentially relevant due to structural similarity. As a first step, it is suggested to focus on hydrocarbylphenols with confirmed environmental effects (ED ENV and/or PBT/vPvB).
5	Petroleum substances used in consumer and/or professional mixtures	Substances under assessment with restriction as a potential regulatory management option	PBT, CMR Professional, Consumer	Scope to be further clarified taking into account the need for data generation, CLH, SVHC-identification or candidate listing. ECHA suggested in their assessment (ECHA 2026, under publication) that a restriction might be considered for the total loss and partial loss of lubricants (as defined by the EU Ecolabel) for specific uses (e.g. lubricants in forestry machinery and marine lubricants) containing PetCo substances.
6	Substances in fertilisers ¹⁴	Substances under assessment with restriction as a potential regulatory management option	To be defined Industrial, Professional, Consumer	Following the results of a Commission study ¹⁵ , it may be discussed whether there is need for further regulatory action and the possible substances in scope of such action. Could include contaminants in phosphate fertilisers and possibly other substances intentionally used in fertilising products such as pyrazoles (see also entry 15 of Annex II).

¹³ <https://echa.europa.eu/documents/10162/930d3b1c-e857-f744-7ba1-a1fa4a8633ad>

¹⁴ The Fertilising Products Regulation identifies the REACH Regulation as the appropriate legislation to manage the chemical risks from fertilisers (unless they are PPP/biocides).

	Subject of restriction proposal	Type ¹²	Hazard concerns and uses	Additional Information
7	PAHs	Substances under assessment with restriction as a potential regulatory management option	Carc, Mut, PBT Professional, Consumer, Articles	ECHA's investigation report of 14 June 2023 does not recommend preparing an Annex XV restriction report on PAHs in rubber granules and mulches in loose form in domestic applications and considers that a holistic approach to PAHs would be the most effective way to regulate these substances. ¹⁶
8	Formamide	Substances under assessment with restriction as a potential regulatory management option	Reprotox Articles	ECHA's Assessment of Regulatory Needs for aliphatic primary amides ¹⁷ concluded that the substance formamide may need to be restricted in a similar way as for toys ¹⁸ . The substance may be released from ethylene vinyl acetate (EVA) foam articles (e.g. fitness mats, puzzle mats). The concern is specific to toys and childcare articles. Any presence of formamide in childcare articles is expected to be addressed through the upcoming restriction for CMRs in childcare articles (see entry 8 in Table 2).
9	Nickel in articles intended to come in direct and prolonged contact with the skin	Substances under assessment with restriction as a potential regulatory management option	Skin sensitiser Articles	In 2019, ECHA and the Commission decided to discontinue the work on a guideline on Annex XVII entry 27 on nickel and its compounds. At CARACAL 29, Commission expressed its intention to assess the possibility to request ECHA to review the current restriction as regards points b) and the associated point c). The risks posed by nickel in contact with the skin should be reassessed, in particular to potentially modify the scope by removing reference to direct and prolonged contact with the skin. The potential review of entry 27 of REACH Annex XVII on nickel and its compounds is regarded as being a low priority.

¹⁵ Contaminants in fertilisers: Assessment of the risks from their presence and socio-economic impacts of a possible restriction under REACH. Final report, July 2021

¹⁶ https://echa.europa.eu/documents/10162/17233/rest_pahs_children_investigation_report_en.pdf/51536e8a-990d-3b12-011c-51105ee30889?t=1687313125114

¹⁷ <https://echa.europa.eu/assessment-regulatory-needs/-/dislist/details/0b0236e184fa1888>

¹⁸ Commission Directive (EU) 2015/2115 introduced an emission limit of 20 µg/m³ after a maximum of 28 days from commencement of the emission testing of foam toy materials containing more than 200 mg/kg (cut-off limit based on content).

	Subject of restriction proposal	Type ¹²	Hazard concerns and uses	Additional Information
10	CMRs in textiles	Substances under assessment with restriction as a potential regulatory management option	Carc, Mut, Reprotox	ECHA's Assessments of Regulatory Needs regularly suggest adding substances to REACH Appendix 12 through Article 68(2) and reviewing the current concentration limits. This would expand the current list of substances or their limits that are restricted in textiles through entry 72 of REACH Annex XVII.
11	Phthalic anhydrides and hydrogenated phthalic anhydrides	Substances under assessment with restriction as a potential regulatory management option	Resp. Sens. Professional, Consumer, (Industrial)	Most of the substances in the group (26 out of 36) have a harmonised classification as respiratory sensitiser. ECHA's Assessment of Regulatory Needs for phthalic anhydrides and hydrogenated phthalic anhydrides (2022)¹⁹ suggested restriction as a potential risk management option that may target substances and mixtures handled by professional and consumer users; the restriction may also cover the presence of the substances in articles and could also target (some) industrial uses. The further assessment of the need for restriction a potential regulatory management option (ECHA 2026)²⁰ concludes that the substances concerned would not be a priority for restrictions on professional, consumer uses or the presence of these substances in articles under REACH. Industrial uses have not been investigated further.

¹⁹ <https://www.echa.europa.eu/documents/10162/1752658c-1ac8-81fb-a8a3-4e59c64d42c1>

²⁰ <https://www.echa.europa.eu/documents/10162/36b669d3-c597-cb0e-757f-a9d30ed4d59e>

	Subject of restriction proposal	Type ¹²	Hazard concerns and uses	Additional Information
12	Photoinitiators	Substances under assessment with restriction as a potential regulatory management option	Reprotox Professional, Consumer, Articles	ECHA's Assessment of Regulatory Needs for photoinitiators (benzoyl radical precursor type, 2023)²¹ suggested a possible restriction targeting professional uses and the presence in articles reported for several substance due to use in e.g. coatings and paints, inks and toners, and paper and board treatment products. The further assessment of the need for restriction as a potential regulatory management option (ECHA 2025)²² concludes that based on the current information it is not necessary to initiate a restriction on professional uses and/or presence in articles of the assessed photoinitiators.
13	Branched carboxylic acids and their salts (2-ethylhexanoic acid and salts + other acids and salts with reprotox properties)	Substances under assessment with restriction as a potential regulatory management option	Reprotox Industrial, Professional, (Consumer) Articles	2-ethylhexanoic acid and its salts already have CLH for Repr. 1B (covering 16 group members) and a proposal for CLH for Repr. 1B has been submitted for 3,5,5-trimethylhexanoic acid and its salts (covering 5 group members). ECHA's Assessment of Regulatory Needs for branched carboxylic acids and their salts²³ considers restriction as a potential regulatory management option, which may target certain industrial uses, professional use and articles. The further assessment of the need for restriction as potential regulatory management option (ECHA 2026)²⁴ suggests that a restriction of the uses by professional workers may be considered for a number of product types where activities with potential for exposure are very likely. This may include coatings and paints, lubricants, metal working fluids, adhesives and sealants and ink and toners.

²¹ <https://echa.europa.eu/documents/10162/7adae490-e51f-a473-8040-49af5fb5d155>

²² <https://www.echa.europa.eu/documents/10162/41f93554-d74f-c6fe-0843-f93e16cb5639>

²³ <https://echa.europa.eu/documents/10162/2fdca7fd-9f63-e367-74e2-3799a570f892>

²⁴ https://echa.europa.eu/assessment-regulatory-needs/-/dislist/details/0b0236e18469a644?_dislists_WAR_dislistsportlet_businessIdentifier=0b0236e18469a644

	Subject of restriction proposal	Type ¹²	Hazard concerns and uses	Additional Information
14	Phenolic benzotriazols UV-327, UV-350 and UV-320 ²⁵ (Entries 52-54 of Annex XIV)	ECHA Article 69.2	PBT, vPvB Articles	To be considered for a potential restriction proposal.
15	Pyrazoles	Groups where CLH or Candidate Listing to be carried out with restriction as suggested risk management	Reprotox, ED for HH, Persistent and mobile Professional, Consumer	The need for further regulatory risk management measures (e.g. restriction) is under discussion, focusing on their use as a fertiliser and potential reprotoxic and ED HH properties as well as possible persistency and mobility. See also ECHA's Assessment of Regulatory Needs for pyrazoles ²⁶ . 3-MP (EC 215-925-7) and 3,5 DMP (EC 200-657-5 have been classified as Repr. 1B. CLH classification as Repr. 1B for other three substances ²⁷ , based on published RAC opinions, is ongoing.
16	Simple manganese compounds	Groups where CLH or Candidate Listing to be carried out with restriction as suggested risk management	Reprotox, STOT RE, Neurotox. Professional, Consumer, Articles	The need for further regulatory risk management measures (e.g. combination of authorisation and restriction) is under discussion, focusing on subgroups 'Simple inorganic salts, oxides and manganese metal' and 'Permanganates'. Might apply to other substances in the group following steps taken to generate data in order to clarify the hazard. See also ECHA's Assessment of Regulatory Needs for Simple manganese compounds ²⁸ .

²⁵ The substance in entry 51 of Annex XIV (UV-328) is to be restricted via the POPs Regulation and therefore does not need to be covered by a REACH restriction.

²⁶ <https://www.echa.europa.eu/documents/10162/dc352de9-0a6c-9302-fcaa-51634580941e>

²⁷ 424-640-9, 429-130-1 (3,4-DMP) and 424-640-9.

²⁸ <https://www.echa.europa.eu/documents/10162/f99b010f-316a-18db-7e5d-27c450563c26>

	Subject of restriction proposal	Type ¹²	Hazard concerns and uses	Additional Information
17	Simple vanadium compounds	Groups where CLH or Candidate Listing to be carried out with restriction as suggested risk management	Carc, Mut, Reprotox, STOT RE Industrial, Professional, Consumer, Articles	Potential need for an exposure limit for workers under OSH (occupational health and safety) or restriction under discussion as well as a completion of CLH classification mainly for carcinogenicity. See also ECHA's Assessment of Regulatory Needs for Simple vanadium compounds ²⁹ .
18	Acrylates and methacrylates	Groups where CLH or Candidate Listing to be carried out with restriction as suggested risk management	Skin Sensitiser, Respiratory sensitiser	The need for further regulatory risk management measures (e.g. restriction) under discussion for all acrylates and methacrylates in the group that can be identified as skin sensitisers and/or respiratory sensitiser. See also ECHA's Assessment of Regulatory Needs for Acrylates and methacrylates ³⁰ . May be covered by the 'skin sensitisers in consumer mixtures' entry above.
19	Imidazoles	Groups where CLH or Candidate Listing to be carried out with restriction as suggested risk management	Reprotox Professional	ECHA's Assessment of Regulatory Needs for imidazoles ³¹ considers, as first step, a completion of CLH classification for EC 210-484-7 as Repr. 1B (also further members of the group are proposed for CLH). In case of CLH classification, regulatory risk management measures may be considered for the professional uses of 3 substances (EC 206-019-2, 213-234-5, 210-484-7), such as coatings and paints, polymer preparation (roller application, non-industrial spraying, hand mixing).

²⁹ <https://www.echa.europa.eu/documents/10162/3dcddb88-778a-2e2b-8c5c-90e7c56db06e>

³⁰ <https://echa.europa.eu/documents/10162/8b3305a0-e778-9c1d-2561-0b85c6f77f76>

³¹ <https://www.echa.europa.eu/documents/10162/00c27bd2-0e25-08f0-4028-bb96d6c5daf0>

	Subject of restriction proposal	Type ¹²	Hazard concerns and uses	Additional Information
20	Resin and rosin acids and their derivatives	Groups where CLH or Candidate Listing to be carried out with restriction as suggested risk management	Reprotox (Industrial), Professional, (Consumer), (Articles)	ECHA's Assessment of Regulatory Needs for resin and rosin acids and their derivatives ³² considers, as first step, completion of CLH classification for the potential reproductive toxicity of subgroups or individual substances where there is already sufficient data for classification. In case of CLH classification, regulatory risk management measures may be considered for the substances as such or in mixtures used by professionals.
21	Aralkylaldehydes	Groups where CLH or Candidate Listing to be carried out with restriction as suggested risk management	Reprotox Professional, Consumer	CLH is ongoing for 2 substances and is suggested as a first step for several members. ECHA's Assessment of Regulatory Needs for aralkylaldehydes ³³ suggests to consider, in case of CLH classification, regulatory risk management measures for 7 substances as such or in mixtures used by professionals (e.g. as fragrance in polishes and waxes, air care products, washing and cleaning products, etc.).

³² <https://echa.europa.eu/documents/10162/75af573c-6ac9-d2b2-2e04-2a61c7e22f1c>

³³ <https://www.echa.europa.eu/documents/10162/a15533ea-e19e-f37b-9ad2-a637572c5ea2>

Annex III - Overview of REACH Article 69(2) assessments (updated on 03.06.2026)

Annex XIV Entry	Substance(s)	Intrinsic property referred to in Article 57	Latest application date	Sunset date	Current progress ³⁴	Conclusion
01	5-tert-butyl-2,4,6-trinitro- m-xylene (Musk xylene) EC No: 201-329-4 CAS No: 81-15-2	vPvB	21 Feb 2013	21 Aug 2014	Completed on 12/11/2015 - Screening report published on ECHA website	No need for restriction.
02	4,4'-Diaminodiphenylmethane (MDA) EC No: 202-974-4 CAS No: 101-77-9	Carcinogenic (category 1B)	21 Feb 2013	21 Aug 2014	Completed on 12/11/2015 - Screening report published on ECHA website	No need for restriction.
03	Hexabromocyclododecane (HBCDD) EC No: 221-695-9, 247-148-4, CAS No: 3194-55-6 25637-99-4 alpha-hexabromocyclododecane CAS No: 134237-50-6, beta-hexabromocyclododecane CAS No: 134237-51-7 gamma-hexabromocyclododecane CAS No: 134237-52-8	PBT	21 Feb 2014	21 Aug 2015	Completed on 13/10/2016 - Screening report published on ECHA website	No need for restriction under REACH, as included in the list of POPs in the Stockholm convention ³⁵ .

³⁴ Current progress as of 03/06/2026

³⁵ SC-6/13: Listing of hexabromocyclododecane: <http://chm.pops.int/TheConvention/ThePOPs/AllPOPs/tabid/2509/Default.aspx>

Annex XIV Entry	Substance(s)	Intrinsic property referred to in Article 57	Latest application date	Sunset date	Current progress ³⁴	Conclusion
04	Bis(2-ethylhexyl) phthalate (DEHP) EC No: 204-211-0 CAS No: 117-81-7	Toxic for reproduction (category 1B) ³⁶	21 Aug 2013	21 Feb 2015	Completed - Annex XV restriction report submitted. Restriction adopted (REACH Annex XVII entry 51)	Risk identified for EU produced and imported articles.
05	Benzyl butyl phthalate (BBP) EC No: 201-622-7 CAS No: 85-68-7					
06	Dibutyl phthalate (DBP) EC No: 201-557-4 CAS No: 84-74-2					
07	Diisobutyl Phthalate (DIBP) EC number: 201-553-2 CAS number: 84-69-5					
08	Diarsenic trioxide EC No: 215-481-4 CAS No: 1327-53-3	Carcinogenic (category 1A)	21 Nov 2013	21 May 2015	Completed on 25/01/2017 - Screening report published on ECHA website	No need for restriction.
09	Diarsenic pentaoxide EC No: 215-116-9 CAS No: 1303-28-2					
10	Lead chromate EC No: 231-846-0 CAS No: 7758-97-6	Carcinogenic (category 1B) Toxic for	21 Nov 2013	21 May 2015	Screening Completed. See also entry 13 of Annex I.	Need for an Article 69(2) restriction identified.

³⁶ In addition, the Candidate list has the following properties: For EC No: 204-211-0. Endocrine disrupting properties (Article 57(f) - environment) and Endocrine disrupting properties (Article 57(f) - human health) were introduced later. For EC No: 201-622, EC No: 201-557-4 and EC No: 201-553-2, Endocrine disrupting properties (Article 57(f) - human health) was introduced later.

Annex XIV Entry	Substance(s)	Intrinsic property referred to in Article 57	Latest application date	Sunset date	Current progress ³⁴	Conclusion
11	Lead sulfochromate yellow (C.I. Pigment Yellow 34) EC No: 215-693-7 CAS No: 1344-37-2	reproduction (category 1A)				
12	Lead chromate molybdate sulphate red (C.I. Pigment Red 104) EC No: 235-759-9 CAS No: 12656-85-8					
13	Tris (2-chloroethyl) phosphate (TCEP) EC No: 204-118-5 CAS No: 115-96-8	Toxic for reproduction (category 1B)	21 Feb 2014	21 Aug 2015	Completed on 05/04/2018 - Screening report published on ECHA website See also entry 6 of Annex I.	Need for a restriction in articles, grouped with TCPP and TDCP
14	2,4-Dinitrotoluene (2,4-DNT) EC No: 204-450-0 CAS No: 121-14-2	Carcinogenic (category 1B)	21 Feb 2014	21 Aug 2015	Completed on 16/07/2021 - Screening report published on ECHA website. Annex XV restriction report submitted. Opinion adopted.	Risks not adequately controlled for consumers and professionals.
15	Trichloroethylene EC No: 201-167-4 CAS No: 79-01-6	Carcinogenic (category 1B)	21 Oct 2014	21 Apr 2016	Completed on 22/02/2022 - Screening report published on ECHA website	No need for restriction.
16	Chromium trioxide ³⁷ EC No: 215-607-8 CAS No: 1333-82-0	Carcinogenic (category 1A) Mutagenic (category 1B)	21 Mar 2016	21 Sep 2017	Screening started	-

³⁷The chromium substances will all be taken as one group.

Annex XIV Entry	Substance(s)	Intrinsic property referred to in Article 57	Latest application date	Sunset date	Current progress ³⁴	Conclusion
17	Acids generated from chromium trioxide and their oligomers Group containing: Chromic acid ² EC No: 231-801-5 CAS No: 7738-94-5 Dichromic acid EC No: 236-881-5 CAS No: 13530-68-2 Oligomers of chromic acid and dichromic acid EC No: not yet assigned CAS No: not yet assigned	Carcinogenic (category 1B)				
18	Sodium dichromate ² EC No: 234-190-3 CAS No: 7789-12-0 10588-01-9	Carcinogenic (category 1B) Mutagenic (category 1B) Toxic for reproduction (category 1B)				
19	Potassium dichromate ² EC No: 231-906-6 CAS No: 7778-50-9	Carcinogenic (category 1B) Mutagenic (category 1B) Toxic for reproduction (category 1B)				

Annex XIV Entry	Substance(s)	Intrinsic property referred to in Article 57	Latest application date	Sunset date	Current progress ³⁴	Conclusion
20	Ammonium dichromate ² EC No: 232-143-1 CAS No: 7789-09-5	Carcinogenic (category 1B) Mutagenic (category 1B) Toxic for reproduction (category 1B)				
21	Potassium chromate ² EC No: 232-140-5 CAS No: 7789-00-6	Carcinogenic (category 1B) Mutagenic (category 1B)				
22	Sodium chromate ² EC No: 231-889-5 CAS No: 7775-11-3	Carcinogenic (category 1B) Mutagenic (category 1B) Toxic for reproduction (category 1B)				
28	Dichromium tris(chromate) ² EC No: 246-356-2 CAS No: 24613-89-6	Carcinogenic (category 1B)	22 July 2017	22 Jan 2019		
29	Strontium chromate ² EC No: 232-142-6 CAS No: 7789-06-2	Carcinogenic (category 1B)				
30	Potassium hydroxyoctaoxodizincatedichromate ² EC No: 234-329-8 CAS No: 11103-86-9	Carcinogenic (category 1A)				

Annex XIV Entry	Substance(s)	Intrinsic property referred to in Article 57	Latest application date	Sunset date	Current progress ³⁴	Conclusion
31	Pentazinc chromate octahydroxide ² EC No: 256-418-0 CAS No: 49663-84-5	Carcinogenic (category 1A)				
23	Formaldehyde, oligomeric reaction products with aniline (technical MDA) EC No: 500-036-1 CAS No: 25214-70-4	Carcinogenic (category 1B)	22 Feb 2016	22 Aug 2017	Screening started	-
24	Arsenic acid EC No: 231-901-9 CAS No: 7778-39-4	Carcinogenic (category 1A)	22 Feb 2016	22 Aug 2017	Completed on 14/12/2021 – Screening report published on ECHA website	No need for restriction.
25	Bis(2-methoxyethyl) ether (diglyme) EC No: 203-924-4 CAS No: 111-96-6	Toxic for reproduction (category 1B)	22 Feb 2016	22 Aug 2017	Completed on 21 February 2024 – Screening report published on ECHA website	No need for restriction.
26	1,2- dichloroethane (EDC) EC No: 203-458-1 CAS No: 107-06-2	Carcinogenic (category 1B)	22 May 2016	22 Nov 2017	Completed on 29 May 2024 – Screening report published on ECHA website	No need for restriction.
27	2,2'-dichloro-4,4'- methylenedianiline (MOCA) EC No: 202-918-9 CAS No: 101-14-4	Carcinogenic (category 1B)	22 May 2016	22 Nov 2017	Screening started	-
32	1-Bromopropane (n-propyl bromide) EC No: 203-445-0 CAS No: 106-94-5	Toxic for reproduction (category 1B)	4 Jan 2019	4 July 2020	Completed on 21/02/2022 – Screening report published on ECHA website	No need for restriction.

Annex XIV Entry	Substance(s)	Intrinsic property referred to in Article 57	Latest application date	Sunset date	Current progress ³⁴	Conclusion
33	Diisopentylphthalate ³⁸ EC No: 210-088-4 CAS No: 605-50-5	Toxic for reproduction (category 1B)	4 Jan 2019	4 July 2020	Completed on 04/04/2022 – Screening report published on ECHA website. See also entry 5 of Annex I.	To be considered in a potential restriction proposal on Ortho-phthalates (with a backbone C4-C6).
34	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7 rich ³ EC No: 276-158-1 CAS No: 71888-89-6	Toxic for reproduction (category 1B)				
35	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters ³ EC No: 271-084-6 CAS No: 68515-42-4	Toxic for reproduction (category 1B)				
36	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear ³ EC No: 284-032-2 CAS No: 84777-06-0	Toxic for reproduction (category 1B)				
37	Bis(2-methoxyethyl) phthalate ³ EC No: 204-212-6 CAS No: 117-82-8	Toxic for reproduction (category 1B)				
38	Dipentylphthalate ³ EC No: 205-017-9 CAS No: 131-18-0	Toxic for reproduction (category 1B)				

³⁸ Phthalates will all be taken as one group. To be considered in the restriction proposal on ortho-phthalates (see Annex I, entry 5).

Annex XIV Entry	Substance(s)	Intrinsic property referred to in Article 57	Latest application date	Sunset date	Current progress ³⁴	Conclusion
39	N-pentyl-isopentylphthalate ³ EC No: — CAS No: 776297-69-9	Toxic for reproduction (category 1B)				
44	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear ³ EC No: 271-093-5 CAS No: 68515-50-4	Toxic for reproduction (category 1B)	27 Aug 2021	27 Feb 2023		
45	Dihexyl phthalate ³ EC No: 201-559-5 CAS No: 84-75-3	Toxic for reproduction (category 1B)				
46	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate EC No: 201-559-5 ³	Toxic for reproduction (category 1B)				
40	Anthracene oil EC No: 292-602-7 CAS No: 90640-80-5	Carcinogenic (category 1B), PBT, vPvB	4 Apr 2019	4 Oct 2020	Completed on 24/05/2023 – Screening report published on ECHA website. Annex XV restriction report (Article 68(1) for the presence of PAHs in clay target submitted. Opinion adopted.	Risk related to the presence of PAHs in articles

Annex XIV Entry	Substance(s)	Intrinsic property referred to in Article 57	Latest application date	Sunset date	Current progress ³⁴	Conclusion
41	Pitch, coal tar, high temp. EC No: 266-028-2 CAS No: 65996-93-2	Carcinogenic (category 1B), PBT, vPvB	4 Apr 2019	4 Oct 2020	Completed on 24/05/2023 – Screening report published on ECHA website. Annex XV restriction report (Article 68(1) for the presence of PAHs in clay target submitted. Opinion adopted.	
42	4-(1,1,3,3-Tetramethylbutyl)phenol, ethoxylated (covering well-defined substances and UVCB substances, polymers and homologues) EC No: — CAS No: —	Endocrine disrupting properties (environment)	4 July 2019	4 Jan 2021	Completed on 18/12/2024 – Screening report published on ECHA website See also entry 4 of Annex II.	Risks related to the presence of 4-OPnEO and 4-NPnEO in articles might be addressed within the context of the broader work on hydrocarbylphenols.
43	4-Nonylphenol, branched and linear, ethoxylated (substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof) EC No: — CAS No: —	Endocrine disrupting properties (environment)				
47	Trixylyl phosphate EC No: 246-677-8 CAS No: 25155-23-1	Toxic for reproduction (category 1B)	27 Nov 2021	27 May 2023	Completed on 19/09/2023 – Screening report published on ECHA website. See also entry 6 of Annex I.	To be considered in a potential restriction proposal on Flame Retardants.
48	Sodium perborate, perboric acid, sodium salt	Toxic for	27 Nov 2021	27 May 2023	Completed on 21/06/2023 –	No need for restriction.

Annex XIV Entry	Substance(s)	Intrinsic property referred to in Article 57	Latest application date	Sunset date	Current progress ³⁴	Conclusion
49	Sodium peroxometaborate EC No: 231-556-4 CAS No: 7632-04-4	reproduction (category 1B)			Screening report published on ECHA website.	
50	5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] covering any of the individual stereoisomers of [1] and [2] or any combination thereof	vPvB	27 Feb 2022	27 Aug 2023	Completed on 30/08/2023 – Screening report published on ECHA website.	No need for restriction.
51	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328) EC No: 247-384-8 CAS No: 25973-55-1	PBT, vPvB	27 May 2022	27 Nov 2023	Completed on 17/01/2024 – Screening report published on ECHA website. See also entry 14 of Annex II.	UV-320, UV-327 and UV-350 to be considered in a potential restriction proposal.
52	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327) EC No: 223-383-8 CAS No: 3864-99-1	vPvB				
53	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350) EC No: 253-037-1 CAS No: 36437-37-3	vPvB				
54	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320) EC No: 223-346-6 CAS No: 3846-71-7	PBT, vPvB				

Annex XIV Entry	Substance(s)	Intrinsic property referred to in Article 57	Latest application date	Sunset date	Current progress ³⁴	Conclusion
55	Tetraethyllead EC No: 201-075-4 CAS No: 78-00-2	Toxic for reproduction (category 1A)	01 Nov 2023	01 May 2025	Completed on 07/05/2025– Screening report published on ECHA website	No need for restriction.
56	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol EC No: 209-218-2 CAS No: 561-41-1	Carcinogenic (category 1B)	01 Nov 2023	01 May 2025	Screening started	-
57	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) with ≥0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)	Endocrine disrupting properties	01 Nov 2023	01 May 2025	Completed on 12/11/2025– Screening report published on ECHA website See also entry 4 of Annex II.	Restriction could potentially be justified. Any action on RP-HP to be considered as part of the broader hydrocarbyl-phenols case (entry 4 of Annex II).
58	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE) EC No: 239-622-4 CAS No: 15571-58-1	Toxic for reproduction (category 1B)	01 Nov 2023	01 May 2025	Completed on 17/12/2025– Screening report published on ECHA website	No need for restriction.
59	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)					