
Substances of Very High Concern - Articles

EU Regulation No 1907/2006 on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

Date: August 2010

Corus takes the implementation of REACH seriously. Authorisation is a major part of REACH in which we have identified the need to communicate openly and positively with our suppliers and customers.

Under REACH, the steel products Corus supplies to its customers and downstream users are designated as articles¹. This statement applies to those steel products designated as articles under REACH that Corus currently supplies to customers and downstream users.

In June 2010 the European Chemicals Agency (ECHA) published an update of the Candidate list of Substances of Very High Concern (SVHC) (see Appendix 1) subject to the authorisation process.

Article 33 of REACH obliges suppliers of articles containing SVHC in a concentration greater than 0.1%w/w to communicate this information with their customers.

Corus has identified that Lead chromate (231-846-0), Lead chromate molybdate sulphate red (C.I. Pigment Red 104) (235-759-9) and Lead sulfochromate yellow (C.I. Pigment Yellow 34) (215-693-7) are present in a very limited number of Colorcoat products in concentrations >0.1% w/w. Colorcoat products are generally supplied through the Corus Colors business unit.

Your Colors business commercial contacts will contact the small number of relevant customers with more details. There is no issue with on-going supply of these products, which are still available. Corus Colors are working on an active substitution program to remove these pigments from their Colorcoat products in the coming 2-3 years.

None of 38 substances in the SVHC Candidate list are present in a concentration above 0.1% w/w in any of the **other steel articles** we supply to you with respect to our other business units.

ECHA have clearly indicated in their draft guidance document on substances in articles that with regards to the presence of SVHC in an article it applies to the whole article. When Corus communicates with its customers and downstream users regarding the presence of SVHC in articles it supplies, Corus will use this definition "0.1% w/w of the whole article".

Corus will continue to monitor the SVHC Candidate list and update customers and downstream users where relevant. We hope you have found this update helpful. It is the intention of REACH to stimulate communication on substances along the supply chain. If you require any further information please contact your local Commercial / Technical / REACH contact.

Many thanks for your cooperation in this matter.

Yours faithfully,

















Corus Business Units & Corus REACH Team

¹ Steel Articles are defined as first cast products, which are not re-melted for further processing. Ingots that are cast to be re-melted are defined as preparations under REACH. Please see Eurofer position paper for further reference (Eurofer website)

Appendix 1 – Candidate List for Substances of Very High Concern for Authorisation

(Substances marked red are >0.1% w/w)

Substance name	EC (CAS No.)	Date of inclusion	Reason for inclusion	Supporting documentation	Decision number
2,4-Dinitrotoluene	204-450-0	13.01.2010	Carcinogenic (article 57a)	 (support doc.)	ED/68/2009
4,4'- Diaminodiphenylmethane (MDA)	202-974-4	28.10.2008	Carcinogenic (article 57a)	 (support doc.)	ED/67/2008
5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	201-329-4	28.10.2008	vPvB (article 57e)	 (support doc.)	ED/67/2008
Acrylamide	201-173-7	30.03.2010	Carcinogenic & mutagenic (articles 57a and b)	 (support doc.)	ED/68/2009
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	287-476-5	28.10.2008	PBT and vPvB (article 57d - e)	 (support doc.)	ED/67/2008
Aluminosilicate Refractory Ceramic Fibres	-	13.01.2010	Carcinogenic (article 57a)	 (support doc.)	ED/68/2009
Ammonium dichromate	232-143-1	18.06.2010	Carcinogenic, mutagenic and toxic for reproduction (articles 57 a, 57 b & 57 c)	 (support doc.)	ED/30/2010
Anthracene	204-371-1	28.10.2008	PBT (article 57d)	 (support doc.)	ED/67/2008
Anthracene oil	292-602-7	13.01.2010	Carcinogenic ¹⁾ , PBT and vPvB (articles 57a, 57d and 57e)	 (support doc.)	ED/68/2009
Anthracene oil, anthracene paste	292-603-2	13.01.2010	Carcinogenic ²⁾ , mutagenic ³⁾ , PBT and vPvB (art 57a, 57b, 57d and 57e)	 (support doc.)	ED/68/2009
Anthracene oil, anthracene paste, anthracene fraction	295-275-9	13.01.2010	Carcinogenic ²⁾ , mutagenic ³⁾ , PBT and vPvB (art 57a, 57b, 57d and 57e)	 (support doc.)	ED/68/2009
Anthracene oil, anthracene paste, distn. lights	295-278-5	13.01.2010	Carcinogenic ²⁾ , mutagenic ³⁾ , PBT and vPvB (art 57a, 57b, 57d and 57e)	 (support doc.)	ED/68/2009
Anthracene oil, anthracene-low	292-604-8	13.01.2010	Carcinogenic ²⁾ , mutagenic ³⁾ , PBT and vPvB (art 57a, 57b, 57d and 57e)	 (support doc.)	ED/68/2009
Benzyl butyl phthalate (BBP)	201-622-7	28.10.2008	Toxic for reproduction (art57c)	 (support doc.)	ED/67/2008
Bis (2-ethylhexyl) phthalate (DEHP)	204-211-0	28.10.2008	Toxic for reproduction (art57c)	 (support doc.)	ED/67/2008
Bis (tributyltin) oxide (TBTO)	200-268-0	28.10.2008	PBT (article 57d)	 (support doc.)	ED/67/2008
Boric acid	233-139-2 234-343-4	18.06.2010	Toxic for reproduction (article 57 c)	 (support doc.)	ED/30/2010
Cobalt dichloride	231-589-4	28.10.2008	Carcinogenic (article 57a)	 (support doc.)	ED/67/2008
Diarsenic pentaoxide	215-116-9	28.10.2008	Carcinogenic (article 57a)	 (support doc.)	ED/67/2008
Diarsenic trioxide	215-481-4	28.10.2008	Carcinogenic (article 57a)	 (support doc.)	ED/67/2008
Dibutyl phthalate (DBP)	201-557-4	28.10.2008	Toxic for reproduction (art57c)	 (support doc.)	ED/67/2008
Diisobutyl phthalate	201-553-2	13.01.2010	Toxic for reproduction (art57c)	 (support doc.)	ED/68/2009

Substance name	EC (CAS No.)	Date of inclusion	Reason for inclusion	Supporting documentation	Decision number
Disodium tetraborate, anhydrous	215-540-4	18.06.2010	Toxic for reproduction (article 57 c)	 (support doc.)	ED/30/2010
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified:	247-148-4 and 221-695-9	28.10.2008	PBT (article 57d)	 (support doc.)	ED/67/2008
Alpha-hexabromocyclododecane	(134237-50-6)				
Beta-hexabromocyclododecane	(134237-51-7)				
Gamma-hexabromocyclododecane	(134237-52-8)				
Lead chromate	231-846-0	13.01.2010	Carcinogenic and toxic for reproduction (articles 57a and c)	 (support doc.)	ED/68/2009
Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	235-759-9	13.01.2010	Carcinogenic and toxic for reproduction (articles 57a and c)	 (support doc.)	ED/68/2009
Lead hydrogen arsenate	232-064-2	28.10.2008	Carcinogenic and toxic for reproduction (articles 57a and c)	 (support doc.)	ED/67/2008
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	215-693-7	13.01.2010	Carcinogenic and toxic for reproduction (articles 57a and c)	 (support doc.)	ED/68/2009
Pitch, coal tar, high temp.	266-028-2	13.01.2010	Carcinogenic, PBT and vPvB (articles 57a, 57d and 57e)	 (support doc.)	ED/68/2009
Potassium chromate	232-140-5	18.06.2010	Carcinogenic and mutagenic (articles 57 a and 57 b)	 (support doc.)	ED/30/2010
Potassium dichromate	231-906-6	18.06.2010	Carcinogenic, mutagenic and toxic for reproduction (articles 57 a, 57 b & 57 c)	 (support doc.)	ED/30/2010
Sodium chromate	231-889-5	18.06.2010	Carcinogenic, mutagenic and toxic for reproduction (articles 57 a, 57 b & 57 c)	 (support doc.)	ED/30/2010
Sodium dichromate	234-190-3 (7789-12-0 and 10588-01-9)	28.10.2008	Carcinogenic, mutagenic and toxic for reproduction (art 57a, 57b and 57c)	 (support doc.)	ED/67/2008
Tetraboron disodium heptaoxide, hydrate	235-541-3	18.06.2010	Toxic for reproduction (article 57 c)	 (support doc.)	ED/30/2010
Trichloroethylene	201-167-4	18.06.2010	Carcinogenic (article 57 a)	 (support doc.)	ED/30/2010
Triethyl arsenate	427-700-2	28.10.2008	Carcinogenic (article 57a)	 (annex XV rep.)	ED/67/2008
Tris (2-chloroethyl) phosphate	204-118-5	13.01.2010	Toxic for reproduction (art57c)	 (support doc.)	ED/68/2009
Zirconia Aluminosilicate Refractory Ceramic Fibres	-	13.01.2010	Carcinogenic (article 57a)	 (support doc.)	ED/68/2009
<i>Updated on 18/06/2010</i>					

The candidate list can also be accessed using this link:

http://echa.europa.eu/chem_data/authorisation_process/candidate_list_table_en.asp