

## REACH Information from Elektrisola

Dear customer,

REACH (**R**egistration, **E**valuation and **A**uthorization of **C**hemicals) in Europe asks for registration of chemical substances in Europe after December 1, 2008. Enamelled wire is not required to be listed, as it is considered as an "article", not as a chemical substance.

ECHA (**E**uropean **C**hemicals **A**gency) has proposed enclosed list of chemicals, which should not be contained in articles of above 0.1 % (w/w) content. Hereby Elektrisola declares that our enamelled wire products fully comply with the regulation of REACH with respect to the Substances of Very High Concern (SVHC) as published by ECHA until today ([http://echa.europa.eu/chem\\_data/candidate\\_list\\_table\\_en.asp](http://echa.europa.eu/chem_data/candidate_list_table_en.asp)). For the individual chemical please see enclosed list.

All suppliers to European Elektrisola factories are in correspondence with REACH, so no problem of supply should occur.

Please contact us should you have any questions, or if we can be of further assistance.

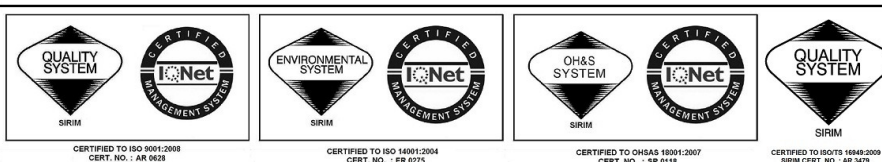


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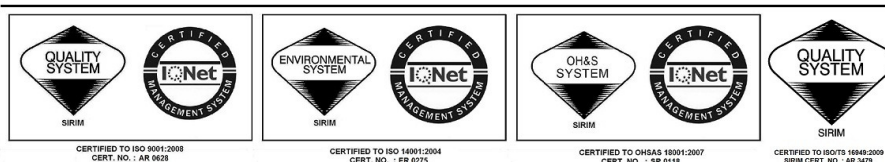
Revision 6: 29 December 2011

**Enclosure**  
List of Chemicals

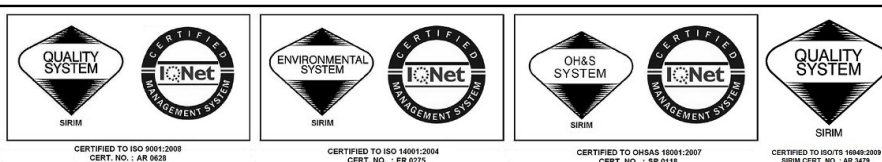


**Enclosure to REACH Information from Elektrisola:  
SVHC candidate list as of 19<sup>th</sup> December 2011**

1. 1,2,3-trichloropropane
2. 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkylesters, C7-rich
3. 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters
4. 1,2-Dichloroethane
5. 1-methyl-2-pyrrolidone
6. 2,2'-Dichloro-4,4'-methylenedianiline
7. 2,4-Dinitrotoluene
8. 2-Ethoxyethanol
9. 2-Ethoxyethyl acetate
10. 2-Methoxyaniline; o-Anisidine
11. 2-Methoxyethanol
12. 4-(1,1,3,3-Tetramethylbutyl)phenol; 4-tert-octyl phenol
13. 4,4'- Diaminodiphenylmethane (MDA)
14. 5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)
15. Acrylamide
16. Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)
17. Aluminosilicate Refractory Ceramic Fibres  
(Al<sub>2</sub>O<sub>3</sub>: 43.5 – 47 % w/w, and SiO<sub>2</sub>: 49.5 – 53.5 % w/w, or Al<sub>2</sub>O<sub>3</sub>: 45.5 – 50.5 % w/w,  
and SiO<sub>2</sub>: 48.5 – 54 % w/w)
18. Aluminosilicate Refractory Ceramic Fibres  
(Oxides of aluminium and silicone are present within variable concentration ranges)
19. Ammonium dichromate
20. Anthracene
21. Anthracene oil
22. Anthracene oil, anthracene paste
23. Anthracene oil, anthracene paste, anthracene fraction
24. Anthracene oil, anthracene paste, distn. lights
25. Anthracene oil, anthracene-low
26. Arsenic acid
27. Benzyl butyl phthalate (BBP)
28. Bis (2-ethylhexyl)phthalate (DEHP)



29. Bis(2-methoxyethyl) phthalate
30. Bis(2-methoxyethyl) ether
31. Bis(tributyltin)oxide (TBTO)
32. Boric acid
33. Calcium arsenate
34. Chromic acid, oligomers of chromic acid and dichromic acid
35. Chromium trioxide
36. Cobalt dichloride
37. Cobalt (II) carbonate
38. Cobalt (II) diacetate
39. Cobalt (II) dinitrate
40. Cobalt (II) sulphate
41. Diarsenic pentaoxide
42. Diarsenic trioxide
43. Dibutyl phthalate (DBP)
44. Dichromium tris(chromate)
45. Diisobutyl phthalate
46. Disodium tetraborate, anhydrous
47. Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified:  
Alpha-hexabromocyclododecane  
Beta-hexabromocyclododecane  
Gamma-hexabromocyclododecane
48. Formaldehyde, oligomeric reaction products with aniline (technical MDA)
49. Hydrazine
50. Lead chromate
51. Lead chromate molybdate sulphate red (C.I. Pigment Red 104)
52. Lead diazide, Lead azide
53. Lead dipicrate
54. Lead hydrogen arsenate
55. Lead styphnate
56. Lead sulfochromate yellow (C.I. Pigment Yellow 34)
57. N,N-dimethylacetamide
58. Pentazinc chromate octahydroxide



59. Phenolphthalein
60. Pitch, coal tar, high temp.
61. Potassium chromate
62. Potassium dichromate
63. Potassium hydroxyoctaoxodizincatedichromate
64. Sodium chromate
65. Sodium dichromate
66. Strontium chromate
67. Tetraboron disodium heptaoxide, hydrate
68. Trichloroethylene
69. Triethyl arsenate
70. Tris(2-chloroethyl)phosphate
71. Trilead diarsenate
72. Zirconia Aluminosilicate Refractory Ceramic Fibres  
(Al<sub>2</sub>O<sub>3</sub>: 35 - 36 % w/w, and SiO<sub>2</sub>: 47.5 - 50 % w/w, and ZrO<sub>2</sub>: 15 - 17 % w/w)
73. Zirconia Aluminosilicate Refractory Ceramic Fibres  
(Oxides of aluminium, silicon and zirconium are present within variable concentration ranges)

