ELEKTRISOLA
DR. GERD SCHILDBACH
GMBH & CO. KG

## REACH Information from Elektrisola

Dear customer,

REACH (**R**egistration, **E**valuation and **A**uthorization of **Ch**emicals) 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 **Ch**emicals **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). For the individual chemicals 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 7: 1 July 2012

**Enclosure**
List of Chemicals

## Enclosure to REACH Information from Elektrisola: SVHC candidate list as of 18th June 2012

1. 1,2,3-trichloropropane
2. 1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)rione(TGIC)
3. 1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (β-TGIC)
4. 1,2-benzenedicarboxylic acid, di-C6-8-branched alkylesters, C7-rich
5. 1,2-benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters
6. 1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)
7. 1,2-dichloroethane
8. 1,2-dimethoxyethane; ethylene glycol dimethylether (EGDME)
9. 1-methyl-2-pyrrolidone
10. 2,2'-dichloro-4,4'-methylenedianiline
11. 2,4-dinitrotoluene
12. 2-ethoxyethanol
13. 2-ethoxyethyl acetate
14. 2-methoxyaniline; o-Anisidine
15. 2-methoxyethanol
16. 4-(1,1,3,3-tetramethylbutyl)phenol; 4-tert-octyl phenol
17. [4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Blue 26)
    *[with ≥0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]*
18. 4,4'-bis(dimethylamino)benzophenone (Michler's ketone)
19. 4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol
    *[with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) orMichler's base (EC No. 202-959-2)]*
20. 4,4'- diaminodiphenylmethane (MDA)
21. [4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I.Basic Violet 3)
    *[with ≥ 0.1% of Michler's ketone (EC No.202-027-5) or Michler's base (EC No. 202-959-2)]*
22. 5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)
23. Acrylamide
24. Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)
25. Aluminosilicate Refractory Ceramic Fibres
    (Oxides of aluminium and silicone are present within variable concentration ranges)

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26. Ammonium dichromate
27. Anthracene
28. Anthracene oil
29. Anthracene oil, anthracene paste
30. Anthracene oil, anthracene paste, anthracene fraction
31. Anthracene oil, anthracene paste, distn. lights
32. Anthracene oil, anthracene-low
33. Arsenic acid
34. Benzyl butyl phthalate (BBP)
35. bis (2-ethylhexyl)phthalate (DEHP)
36. bis (2-methoxyethyl) phthalate
37. bis (2-methoxyethyl) ether
38. bis (tributyltin)oxide (TBTO)
39. Boric acid
40. Calcium arsenate
41. Chromic acid, oligomers of chromic acid and dichromic acid
42. Chromium trioxide
43. Cobalt dichloride
44. Cobalt (II) carbonate
45. Cobalt (II) diacetate
46. Cobalt (II) dinitrate
47. Cobalt (II) sulphate
48. Diarsenic pentaoxide
49. Diarsenic trioxide
50. Diboron trioxide
51. Dibutyl phthalate (DBP)
52. Dichromium tris(chromate)
53. Diisobutyl phthalate
54. Disodium tetraborate, anhydrous
55. Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified:
    Alpha-hexabromocyclododecane
    Beta-hexabromocyclododecane
    Gamma-hexabromocyclododecane

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56. Formaldehyde, oligomeric reaction products with aniline (technical MDA)
57. Formamide
58. Hydrazine
59. Lead (II) bis(methanesulfonate)
60. Lead chromate
61. Lead chromate molybdate sulphate red (C.I. Pigment Red 104)
62. Lead diazide, Lead azide
63. Lead dipicrate
64. Lead hydrogen arsenate
65. Lead styphnate
66. Lead sulfochromate yellow (C.I. Pigment Yellow 34)
67. N,N-dimethylacetamide
68. N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)
69. Pentazinc chromate octahydroxide
70. Phenolphthalein
71. Pitch, coal tar, high temp.
72. Potassium chromate
73. Potassium dichromate
74. Potassium hydroxyoctaoxodizincatedichromate
75. Sodium chromate
76. Sodium dichromate
77. Strontium chromate
78. Tetraboron disodium heptaoxide, hydrate
79. Trichloroethylene
80. Triethyl arsenate
81. Tris(2-chloroethyl)phosphate
82. Trilead diarsenate
83. Zirconia Aluminosilicate Refractory Ceramic Fibres
    (Oxides of aluminium, silicon and zirconium are present within variable concentration ranges)
84. α,α-bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)
    *[with ≥0.1% of Michler's ketone (EC No. 202-027-5) orMichler's base (EC No. 202-959-2)]*

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