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EUROPEAN “**REACH**” REGULATION,  
(REGISTRATION, EVALUATION, AUTHORIZATION and RESTRICTION of **CHEMICALS**)

NLMK Pennsylvania, as a producer of Hot Rolled and Cold Rolled carbon steel coils, recognizes the need of supporting documentation needed by our Customers to complete the registration process of their finished products in the REACH program, as our product will not be registered.

Steel as sold by NLMK Pennsylvania does not contain the following as of Very High Concern (October 2011):

- 1 Anthracene
- 2 4,4'- Diaminodiphenylmethane
- 3 Dibutyl phthalate
- 4 Cyclododecane
- 5 Cobalt dichloride
- 6 Diarsenic pentaoxide
- 7 Diarsenic trioxide
- 8 Sodium dichromate, dihydrate
- 9 5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)
- 10 Bis (2-ethyl(hexyl)phthalate) (DEHP)
- 11 Hexabromocyclododecane (HBCDD)
- 12 Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)
- 13 Bis(tributyltin)oxide
- 14 Lead hydrogen arsenate
- 15 Triethyl arsenate
- 16 Benzyl butyl phthalate
- 17 Anthracene oil
- 18 Anthracene oil, anthracene paste, distn. lights
- 19 Anthracene oil, anthracene paste, anthracene fraction
- 20 Anthracene oil, anthracene-low
- 21 Anthracene oil, anthracene paste
- 22 Coal tar pitch, high temperature
- 23 Acrylamide
- 24 Aluminosilicate, Refractory Ceramic Fibres
- 25 Zirconia Aluminosilicate, Refractory Ceramic Fibres
- 26 2,4-Dinitrotoluene
- 27 Dilsobutyl phthalate
- 28 Lead chromate
- 29 Lead chromate molybdate sulphate red (C.I. Pigment Red 104)
- 30 Lead sulfochromate yellow (C.I. Pigment Yellow 34)

- 31 Tris (2-chloroethyl) phosphate
- 32 Acrylamide
- 33 Hexabromocyclododecane (hbcdd)
- 34 Trichloroethylene
- 35 Boric Acid
- 36 Disodium tetraborate, anhydrous
- 37 Tetraboron disodium heptaoxide, hydrate
- 38 Potassium dichromate
- 39 Ammonium dichromate
- 40 Potassium chromate
- 41 Sodium chromate
- 42 Cobalt (II) sulphate
- 43 Cobalt (II) dinitrate
- 44 Cobalt (II) carbonate
- 45 Cobalt (II) diacetate
- 46 2-Methoxyethanol
- 47 2-Ethoxyethanol
- 48 Chromium trioxide
- 49 Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid
- 50 Benzenedicarboxylic acid, di-C6-8-branched (and linear) alkyl esters, C7-rich
- 51 Trichloropropane
- 52 Methyl-2-pyrrolidone
- 53 Hydrazine
- 54 Strontium chromate
- 55 Ethoxyethyl acetate