

January 2013

# Restriction of Hazardous Substances “RoHS Directive” Statement

**EU Directive 2011/65/EU (2002/95/EC) on the:  
Restriction of the use of certain hazardous substances in electrical and electronic equipment**

Tata Steel in Europe is aware of the Restriction of Certain Hazardous Substances Directive (2011/65/EU) amending Directive (2002/95/EC) and its importance of good communication about this in the supply chain. The Directive states that a producer shall ensure that new electrical and electronic equipment placed on the market on or after 1<sup>st</sup> July 2006 shall not contain the hazardous substances lead, mercury, hexavalent chromium, cadmium and certain brominated fire retardants. However, the European Commission recognised the impossibility of achieving total avoidance of the six banned substances, and formally adopted rules allowing low levels of the substances in electronics equipment. The following levels are allowed:

- 0.1% by weight in homogeneous materials for lead;
- 0.1% by weight in homogeneous materials for hexavalent chromium;
- 0.1% by weight in homogeneous materials for mercury;
- 0.1% by weight in homogeneous materials for polybrominated biphenyls;
- 0.1% by weight in homogeneous materials for polybrominated diphenyl ethers;
- 0.01% by weight in homogeneous materials for cadmium.

On the 2<sup>nd</sup> January 2013 RoHS 1 was replaced by the recast RoHS 2 directive (2011/65/EU). Member states will implement their own national pieces of legislation. Tata Steel in Europe understand the changes in RoHS 2 and will make sure we continue to update the supply chain where required. We will continue to monitor the implementation of the new RoHS Directive across the European member states.

All steel grades produced conform to the requirements of the RoHS Directive with the exception of the grades listed below. We do offer galvanised steels that include products passivated with a hexavalent chromate system or a chromate-free system and free cutting leaded steels. Colorcoat® products for the Domestic Appliance and Manufacturing sectors are all produced using a chromate free system. Construction Colorcoat® products depending on application are available in both chromate and chromate free systems. If you require galvanised or Colorcoat® products, which are fully compliant with the RoHS Directive then you should order a chromate-free product.

**TATA STEEL**

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