

October 2018

Re: RoHS 2 (Recast Directive 2011/65/EU)

To whom it may concern,

Stelco Inc. (Stelco) does not intentionally add lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBB) or polybrominated diphenyl ethers (PBDE) – restricted substances outlined in Annex II of the RoHS 2 Directive 2011/65/EU - to the following products:

- *All products specifically ordered as non-passivated; and all products that typically are not chemically passivated, including all hot-rolled, hot rolled & pickled and cold rolled steels along with unfinished products such as slabs.*

Stelco does not routinely analyze for the presence or concentration of the RoHS restricted substances because they are not intentionally added to the product as part of the manufacturing process. To the best of Stelco's knowledge, the restricted substances are not present, and do not exceed the concentration limits as outlined in the RoHS 2 Directive.

Many domestically zinc-coated steels are chemically passivated with a product containing hexavalent chromium (Cr6+), a compound regulated by the RoHS 2 Directive. If requested by the customer, Stelco applies a passivation treatment to the surface of galvanized/galvannealed steel which results in an extremely thin, temporary film containing low levels of Cr6+ compounds. The low levels of Cr6+ transform to trivalent chromium (Cr3+) within 6 weeks of the date of application. Moreover, Stelco research indicates that the passivation is chemically joined to the zinc surface and therefore, cannot be mechanically disjointed. Stelco cannot definitively certify that products treated in this manner are RoHS 2 compliant "as-sold", however, due to the lack of clarity in the RoHS Directive. Stelco's products that fall into this category are:

- *Passivated/Chemically treated hot dip galvanized and galvannealed material.*

Paint systems for coil products can contain chromium compounds that could result in the end product containing some level of Cr6+ and therefore may not be in compliance with RoHS 2. Stelco's products that fall into this category are:

- *Pre-painted hot-dipped galvanized steel.*

If you have any further questions, or require hot-dipped galvanized/galvannealed products treated with a RoHS compliant passivation, please contact your Stelco Customer Technical Services Representative.