



## RE: RoHS Recast Declaration RoHS 3

The European Union's original RoHS directive 2002/95/EU has been superseded with the recast RoHS directive 2011/65/EU and is also known as RoHS 2 effective January of 2013. The revision contains no changes to the restricted initial materials and maximum concentrations. However, in June 2015, the EU Commission published a new directive 2015/863 to amend the RoHS 2 directive 2011/65/EU to include four (4) new restricted substances. This directive has been identified as RoHS 3. The full list of substances noted in the directive (EU) 2015/863 Annex II (RoHS 3) is identified as:

Substance	Max
Cadmium (Cd)	0.01%
Mercury (Hg)	0.1%
Lead (Pb)	0.1%
Hexavalent chromium (Cr <sup>6+</sup> )	0.1%
Polybrominated biphenyls (PBB)	0.1%
Polybrominated diphenyl ethers (PBDE)	0.1%
Bis (2-Ethylhexyl) phthalate (DEHP) (2015 RoHS 3)	0.1%
Benzyl butyl phthalate (BBP) (2015 RoHS 3)	0.1%
Dibutyl phthalate (DBP) (2015 RoHS 3)	0.1%
Dilisobutyl phthalate (DIBP) (2015 RoHS 3)	0/1%

Ten (10) hazardous substances will now be restricted in Electrical and Electronic Equipment (EEE) under EU RoHS 3.

Surface Igniter LLC continues to review its products and can state that all raw materials used in the manufacturing of our products are compliant with the RoHS 3 directive list of substances and maximum limits.

In addition, the RoHS directive also requires the use of CE marks to demonstrate compliance for finished electrical and electronic equipment (EEE). The responsibility for affixing the CE mark resides with the manufacture of the finished product only. Surface Igniter LLC products are considered components only for EEEE finished products. Therefore Surface Igniter LLC products must only meet the substance restrictions accordingly but do not need CE marking.

Sincerely,

*Stan Loudin*

Stan Loudin  
Quality Manager