



SMART CHEMISTRY  
WITH CHARACTER.

CHT UK Manchester Ltd  
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Bridgwater,  
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United Kingdom

**15<sup>th</sup> March 2019**

### **RoHS, and RoHS II and III**

To whom it may concern,

The Restriction of Hazardous Substances (RoHS) directive is designed to restrict the levels of certain hazardous substances in electrical and electronic equipment. The E.U, (see document L174/88 publishing directive 2011/65/EC, 8<sup>th</sup> June 2011 and EU 2015/863 published), has defined the maximum concentration values, of each restricted substance, please see below.

“For the purpose of RoHS regulations, a maximum concentration value of up to 0.1% by weight in homogenous materials for lead, mercury, hexavalent chromium, PBE and PBDE and of up to 0.01% by weight in homogenous materials will be permitted in the manufacture of new EEE (electrical and electronic equipment)”

“Homogenous material” is defined as “a material that can not be mechanically disjointed into different materials”. Within the guidance document the term “homogenous” is understood as “of uniform composition throughout”.

#### **Restricted Substance                      % Maximum Concentration Value by Weight (As defined by EU directive 2015/863)**

Pb (lead)	<0.10
Hg (Mercury)	<0.10
Cr VI (Hexavalent Chromium)	<0.10
Cd (Cadmium)	<0.01
PBB (polybrominated biphenyls)	<0.10
PBDE (polybrominated diphenyl ether)	<0.10
Deca BDE (Decabromodiphenyl ether)	<0.10
DEHP (Bis (2-ethylhexyl) phthalate)	<0.10
BBP (Butyl benzyl phthalate)	<0.10
DPB (Dibutyl phthalate)	<0.10
DIPB (Diisobutyl phthalate)	<0.10

Additional substances not present in CHT UK Manchester (Bridgwater site) products include:

<b>Substance</b>	<b>%</b>
Toluene	<0.10
Trichlorobenzene	<0.10
HBCDD (Hexabromocyclododecane)	<0.10
PFOS (Perfluorooctane Sulphonates)	<0.005
PFOA (Perfluorooctanoic acid)	<0.005

Please accept this statement as confirmation products supplied by CHT UK Manchester Ltd (Bridgwater Site) do not contain any of the above, restricted substances at levels above the maximum permitted concentration or any other brominated compounds.

Yours faithfully

Sean Stoodley  
Head of Technical Services Elastomers