



Directive 2011/65/EU – Restriction of Hazardous Substances (RoHS), as amended by Directive 2017/2102/EU

Birla Carbon's carbon black products include all ASTM, BC, CD, Conductex®, Copeblack®, PM, Raven®, and Ultra® grades.

Directive 2011/65/EU prohibits the use of the following substances above the threshold level in electrical and electronic equipment placed on the EU market after January 3, 2013:

- 0.1% by weight in homogenous materials – lead, mercury, hexavalent chromium, polybrominated biphenyls (PBBs), and polybrominated diphenyl ethers (PDBEs including Decabromodiphenyl ether Deca-BDE)
- 0.01% by weight in homogenous materials – cadmium

Directive 2015/863/EU, amending Annex II of Directive 2011/65/EU comes into force on July 22, 2019, and sets out additional restrictions for the following substances:

- 0.1% by weight in homogenous materials for each of the following phthalates: bis(2-ethylhexyl)phthalate (DEHP), butyl benzyl phthalate (BBP), dibutyl phthalate (DBP) and diisobutyl phthalate (DIBP)

The above listed substances are not intentionally added to Birla Carbon's carbon black products, nor are they present as impurities in levels greater than the threshold limits.

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For additional information or for updates to this information, please email bc.hse@adityabirla.com or visit www.birlacarbon.com