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Updated 2024

RoHS Compliance

RoHS, which stands for Restriction of Hazardous Substances, is a directive that restricts the use of certain hazardous materials in electrical and electronic products. This regulation primarily impacts businesses that sell applicable electronic products, sub-assemblies, or components directly to European Union (EU) countries, or to resellers, distributors, or integrators who in turn sell these products within the EU.

The RoHS directive specifically restricts the use of the following hazardous substances:

- Lead (Pb)
- Mercury (Hg)
- Cadmium (Cd)
- Hexavalent Chromium (CrVI)
- Polybrominated Biphenyls (PBB)
- Polybrominated Diphenyl Ethers (PBDE)

At Newtex, we ensure that our Zetex® fiberglass fabrics comply with RoHS regulations.

None of the RoHS-restricted substances, including Cadmium, Mercury, Lead, PBB, or PBDE, are intentionally introduced during the production of the glass fibers used in Zetex® fabrics.

While elements such as Arsenic, Cadmium, Chromium, Lead, and Mercury may naturally occur in the clays and sands used to manufacture fiberglass, these elements, if present in our glass products, exist solely in their oxidized state. The incorporation of these chemicals into the glass matrix ensures that their release does not occur under normal usage conditions.

Chromium may also become part of the glass due to contact with refractories used in our furnaces. Historical testing of representative glass samples indicates that the concentrations of each restricted substance remain below the maximum allowable limits as defined by RoHS.

Additionally, none of the coatings applied at Newtex, including ZetexPlus® vermiculite, Z-Shield acrylic, Z-Block PU, or Z-Tuff silicone or ptfе, contain any of the hazardous materials restricted by the RoHS directive. This ensures that our products not only meet compliance requirements but also contribute to a safer and healthier environment.