



PVC TECH CORP COMPLIANCE SUMMARY - 2009

RoHS

Restriction of Hazardous Substances

RoHS (Restriction of Hazardous Substances) is a European Directive (2002/95/EC) which restricts the use of specific heavy metals and flame retardants in electrical and electronic equipment.

The RoHS restrictions are as follows:

<u>Heavy Metals</u>	<u>Flame Retardants</u>
Lead Mercury Cadmium Hexavalent Chromium	PBB PBDE Polybrominated Biphenyls Polybrominated Diphenyl Ether
Limits for all Heavy Metals & Flame Retardants <u>EXCEPT Cadmium</u>: Maximum Permitted Concentration of 0.1% or 1000 ppm (parts per Million) by weight of Homogenous Material	Limits for Cadmium: Maximum Permitted Concentration of 0.01% or 100 ppm (parts per Million) by weight of Homogenous Material
What is ppm (parts per million)? Denotes the amount of a given substance in a total amount of 1,000,000 regardless of the units of measure used as long as they are the same. E.g. 1 milligram per kilogram. 1 part in 10 ⁶ .	
What does “Homogenous material” mean? Homogenous material refers to any single substance that could NOT (theoretically) be separated mechanically and is “of uniform composition throughout.” Examples aside from plastics would be ceramics, glass, metals, alloys, paper, board, resins and coatings.	



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But you sell PVC and polymer films, not electronics

Correct. But our films often find their way into parts used to build electronics and is considered a homogenous material.

Is RoHS and REACH the same thing?

No, they're not, though both are European directives.

REACH restricts chemicals and substances beyond those identified under RoHS and is far broader in scope. RoHS requirements are specific to homogenous materials used in electronics and electrical parts, while REACH is not use-specific.

PVC Tech Corp and RoHS

We offer a variety of materials compliant to the EU RoHS with certifications traceable to our manufacturers.