

strategic materials

ANNEX XIV

REACH

Of the 112 elements in the Periodic Table only 79 elements can be used in manufacturing. Every red element (a third of them) is on a list somewhere in the world, seeking to ban or restrict it:

- ▶ sometimes this affects just a few compounds (boric acid, PBDE)
- ▶ sometimes almost every useful compound (Ni, Cr, Co)
- ▶ but sometimes the elements themselves (Cd, Hg, Zn, Cu, even Ag).

You can only win the game if you know the rules, anticipate the moves, and understand your options. Granta and Rowan are collaborating to offer a service supplying several critical *ions* missing from the Periodic Table:

Information: What are the real regulatory requirements, not the myths

Anticipation: Coming restrictions and their business and technology risks

Options: Risk management, alternative materials and coatings using computational corrosion prediction to reduce risk

Actions: Assistance with implementing changes - validation, qualification, adoption and production

GRANTA
MATERIAL INTELLIGENCE

Granta Design is the world's foremost materials information company, whose databases include materials properties and restricted substances.

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Rowan Technology Group™

Rowan's expertise includes REACH, RoHS and other regulations, how they affect advanced materials, coatings and surface treatments, and available alternatives.

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SUHP

SCPA ECHA
TSCA

ELV SCA
WEE

list of lists
PBT OSHA

SIN List
ChinaRoHS

restricted substances
conflict minerals
precautionary principle

CoC rare earths

ROHS

registration
PvB
MR
CPA
ECHA