



DECLARATION LIST OF HAZARDOUS MATERIALS

Mai 2004

VITROHM PORTUGUESA Resistencias Electricas Lda

Material	Used	Part of product	Only Production	Example or type or area in use
4-Aminophenyl and salts	no	no	no	in textiles, leather, antioxidant
Acetamide	no	no	no	Softener for plastics
Acrylamide	no	no	no	Polyacrylamid
Acrylnitril	no	no	no	ABS plastics
Ammonium evaporating substances	yes	yes	no	Bakelites
Ammoniumpersulfat	no	no	no	
Anilin and salts	no	no	no	paints
Antimoy and compounds	yes	yes	no	< 0,1%, plastics
Aromatic Amines and salts	no	no	no	
Arsenic and compounds	no	no	no	Lead-, Copper-Alloys
Asbestos	no	no	no	Insulating materials, Plastics
Azo-paints	no	no	no	LCD's
Bariumcompounds (organic. or watersoluble)	no	no	no	Additives
Benzene	no	no	no	
Benzidin and salts	no	no	no	Dye, Paints
Beryllium and compounds	no	no	no	Contact alloys, Spring-metals
Bisphenoles	yes	yes	no	flame retardant, Concentration < 0,1%
Bromine containing Biphenyles	no	no	no	PCBoards (flame retardant)
Cadmium and compounds	no	no	no	accumulators
CFC (Freon etc.)	no	no	no	cleaning agents
Chlorinated Hydrocarbons	no	no	no	lubricant
Chrom(VI)compounds	no	no	no	surface Treatment



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Cobalt and compounds	no	no	no	folies, frites, magnetes
Cyanides	no	no	no	
Dibenzodioxine and -furane	no	no	no	
Dichlorodiethylsulphide	no	no	no	
Dimethyldichloro-Ether	no	no	no	
Diphenylether	no	no	no	PCBoards (flame retardent)
Epichlorhydrin > 10 ppm	no	no	no	Epoxydes
Fluoroborates	no	no	no	cooling agent, cleaning agent
Formaldehyd	no	no	no	
Fibers	yes	yes	no	inside high power wirewound resistors
Glass wool	no	no	no	
Halones	no	no	no	
H-CFC	no	no	no	cooling agent, cleaning agent
Industrial fibers (D > 3 µm)	no	no	no	heat insulating materials
Lead and compounds	yes	yes	no	Solder alloys, Pigments (not as Sulfat, Carbonat)
Lithium	no	no	no	accumulators
Lubricating and cooling liquids with Nitrates	no	no	no	
Mercury and compounds	no	no	no	thermometer, lamps, relais, accumulators
Mineralfibers	no	no	no	heat insulating materials
Nickel and compounds	yes	yes	no	resistive wires, resistive layers, Ni-barrier
Nitrosamines	no	no	no	cooling agents
Organic compounds containing chlorine	no	no	no	



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Pentachlorphenol	no	no	no	solvent
Polychlorinated-Bi- and Terphenyle	no	no	no	
Polyvinylchlorid	no	no	no	PVC
Radioactive compounds	no	no	no	measuring equipment, high voltage arrester
Selen and compounds	no	no	no	plastics, Dioden
Silicones	yes	yes	no	high temperature withstanding laquers
Sodiumazid	no	no	no	Airbag
Teflon	no (yes)	no	no	insolation (only custom design)
Thallium and compounds	no	no	no	sensors
Tin and compounds	yes	yes	no	electronic solder
Toxic substances	no	no	no	
Vinylchloride (Monomer) > 10 ppm	no	no	no	PVC
Zinc and compounds	no	no	no	paints

German Verordnungen und Richtlinien:

Technische Regeln für Gefahrstoffe Ausgabe Sept. 1988

TRGS 552 Fassung März 1989

Gefahrstoffverordnung 26. Oktober 1993
(GefahrstoffVO) incl. Änderung vom 10.11.1993