

## Properties and uses in electrical equipment – 2<sup>nd</sup> batch of SVHCs

Thanks to Cobham Technical Services (ERA Technology Ltd). The table below is taken from RE4view newsletter number 48 (November 2009)

Substance	CAS number	Hazard	Uses in electrical equipment
Anthracene oil	90640-80-5	PBT	None known
Anthracene oil, anthracene paste, distn. lights	91995-17-4	PBT	None known
Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	PBT	None known
Anthracene oil, anthracene low	90640-82-7	PBT	None known
Anthracene oil, anthracene paste	90640-81-6	PBT	None known
Coal tar pitch, high temperature	65996-93-2	PBT, carcinogen cat. 2	None known
Acrylamide	79-06-1	Carcinogen cat. 2, mutagen cat. 2	None, used to make polyamide polymers and other substances

Substance	CAS number	Hazard	Uses in electrical equipment
Aluminosilicate, refractory ceramic fibres	–	Carcinogen cat. 2	Thermal insulation, e.g. furnace insulation, heaters, car parts (catalytic converters, metal reinforcement, heat shields, brake pads) and in the aerospace industry (heat shields)
Zirconium aluminosilicate refractory ceramic fibres	–	Carcinogen cat. 2	Thermal insulation, e.g. furnace insulation, heaters, automotive parts (catalytic converters, metal reinforcement, heat shields, brake pads), aerospace parts (heat shields)
2,4-dinitrotoluene	121-14-2	Carcinogen cat. 2	Mainly as a chemical intermediate. Very rarely used as a plasticiser
Di-isobutyl phthalate	84-69-5	Reproductive toxin cat. 2	Plasticiser in PVC, rubbers, lacquers, adhesives, potting and sealants. Common replacement for DBP (which is already classified as a SVHC)
Lead chromate	7758-97-6	Carcinogen cat. 2, reproductive toxin cat. 1	Yellow pigment used in inks (e.g. for labels), paints and in plastics

Substance	CAS number	Hazard	Uses in electrical equipment
Lead chromate molybdate sulphate red (C I Pigment Red 104)	12656-85-8	Carcinogen cat. 2, reproductive toxin cat. 1	Red pigment used in inks, paints and plastics
Lead sulfochromate yellow (C I Pigment Yellow 34)	1344-37-2	Carcinogen cat. 2, reproductive toxin cat. 1	Yellow pigment used in inks, paints and plastics
Tris (2-chloroethyl) phosphate	115-96-8	Reproductive toxin cat. 2	Flame retardant used mainly in rigid and flexible polyurethane. Also used in polyisocyanurate foam, unsaturated polyester resins, PVC, adhesives, elastomers, cellulose acetate, nitrocellulose and epoxy resins