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Materials Declaration

Part Name: Contacts
 Part Number: 170-202-170L002
 Part Weight (kg): 0.00022

Environment Friendly Use Period: 10+ Years

RoHS TEST REPORT												
	Lead Pb		Mercury Hg		Cadmium Cd		Hexavalent Chromium Cr6		Polybrominated Biphenyls PBBs		Polybrominated Diphenyl ethers PBEs	
% Allowed	≤ 0.10		≤ 0.10		≤ 0.01		≤ 0.10		≤ 0.10		≤ 0.10	
Sub-Part Name	ppm	%	ppm	%	ppm	%	ppm	%	ppm	%	ppm	%
Contacts	30	0.00	N.D.		N.D.		N.D.		N.D.		N.D.	
Exemptions:	6C - 4% lead in copper alloy											

Sub-Part Name: Contacts
 Sub-Part Weight (kg): 0.00022

Base Material: Brass
 Plating: Nickel/Gold

REACH TEST REPORT				
SVHC	CAS number	EC number	D.L.	Test Results
Anthracene	120-12-7	204-371-1	0.0005	ND
Benzyl butyl phthalate	85-68-7	201-622-7	0.005	ND
Dibutyl phthalate	84-74-2	201-557-4	0.005	ND
Bis (2-ethylhexyl) phthalate (DEHP)	117-81-7	204-211-0	0.005	ND
HBCDD	25637-99 & 3194-55-6	247-148-4,	0.005	ND
4,4' Diaminodiphenylmethane	101-77-9	202-974-4	0.005	ND
Short Chain Chlorinated Paraffins	85535-84-8	287-476-5	0.01	ND
musk xylene	81-15-2	201-329-4	0.005	ND
Triethyl arsenate	15606-95-8	427-700-2	0.005	N.D.
Bis(tributyltin)oxide	56.35-9	200-268-0	0.01	ND
Cobalt dichloride	7646-79-9	231-589-4	0.01	N.D.
Diarsenic pentaoxide	1303-28-2	215-116-9	0.01	N.D.
Diarsenic trioxide	1327-53-3	215-481-4	0.01	N.D.
Sodium dichromate	7789-12-0, 10588-01-9	234-190-3	0.01	N.D.
Lead hydrogen arsenate	7784-40-9	232-064-2	0.01	N.D.

2,4-Dinitrotoluene	121-14-2	204-450-0	0.005	ND
Anthracene oil	90640-80-5	292-602-7		
Anthracene oil, paste, distn. Lights	84-74-2	201-557-4		
Anthracene oil, paste, fraction	91995-15-2	295-275-9	0.05	ND
Anthracene oil, anthracene-low	90640-82-7	292-604-8		
Anthracene oil, anthracene paste	90640-81-6	292-603-2		
Diisobutyl phthalate (DIBP)	84-69-5	201-553-2	0.005	ND
Aluminosilicate, Ref. Cer. Fibres	-	650-017-00-8	0.01	N.D.
Zirconia Alum., Ref. Cer. Ribres	-	650-017-00-8	0.01	N.D.
Lead chromate	7758-97-6	231-846-0	0.005	N.D.
Lead chromate sulfate red	12656-85-8	235-759-9	0.005	N.D.
Lead chromate sulfate yellow	1344-37-2	215-693-7	0.005	N.D.
Acryamide	79-06-1	201-173-7	0.005	ND
Tris(2-chloroethyl)phosphate	115-96-8	204-118-5	0.005	ND
Coal tar pitch, high temperature	65996-93-2	266-028-2	0.05	ND

- 1) The chemical analysis of Substance of Very High Concern (SVHC) is performed by means of current available analytical techniques against the list published by ECHA on 10-28-08, 01-13-10 & 3-30-10 and shall refer to <http://echa.europa.eu/chem.data/candidate.list.table.en.asp>. This list is under evaluation by ECHA and subject to change.
- 2) In accordance with EC regulation No. 1907/2006, any producer or importer of articles shall notify ECHA, in accordance with paragraph 4 of article 7, if a substance meets the criteria in article 57 and is identified in accordance with article 59(1) of the regulation, if (a) the substance is present in those articles in quantities totaling over one ton per producer or importer per year; d (b) the substance is present in those article above a concentration of 0.1% weight by weight (w/w).
- 3) Article 33 of EC regulation No. 1907/2006 requires suppliers of an article containing a substance meeting the criteria in article 57 and identified in accordance with article 59(1) in a concentration above 0.1% weight by weight (w/w) shall provide the recipient of the article with sufficient information, available to the supplier, to allow safe use of the article including as a minimum, the name of the substance.

Notes:

mg/kg = ppm; 0.1wt% = 1,000ppm
N.D. = Not Detected; DL = Detection Limit
SVHC = Substance of Very High Concern

U.S. references:

EPA 3050B:1996, EPA 3051A:2007, EPA 3052:1996, EPA 3540C:1996, EPA 8270D:2007, DIN 38407-13, EN 14362-1%2:2003, EN 14372:2004, EPA 9056A:2007, EPA 3060A:1996 method. Analysis is performed by IC, UV, ICP-OES and GC-MS.