

November 21, 2011

Certificate of REACH Compliance – Communication of Substances of Very High Concern in Articles

REACH Regulation 1907/2006

To fulfill our obligation as an Article Producer (per Article 7.2 and Article 33), MTE coordinated and collected information through our supply chain to identify the presence or absence of Substances of Very High Concern (SVHCs). This examination included all materials used in our products (articles) and their associated packaging materials. These SVHCs are listed below for reference:

Substance Name	EC Number	CAS Number	Date of Inclusion
Anthracene	204-371-1	120-12-7	10/28/2008
4,4'- Diaminodiphenylmethane	202-974-4	101-77-9	10/28/2008
Dibutyl phthalate	201-557-4	84-74-2	10/28/2008
Cobalt dichloride	231-589-4	7646-79-9	10/28/2008
Diarsenic pentaoxide	215-116-9	1303-28-2	10/28/2008
Diarsenic trioxide	215-481-4	1327-53-3	10/28/2008
Sodium dichromate, dihydrate	234-190-3	7789-12-0	10/28/2008
5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	201-329-4	81-15-2	10/28/2008
Bis (2-ethyl(hexyl)phthalate) (DEHP)	204-211-0	117-81-7	10/28/2008
Hexabromocyclododecane (HBCDD)	247-148-4	25637-99-4	10/28/2008
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	287-476-5	85535-84-8	10/28/2008
Bis(tributyltin)oxide (TBTO)	200-268-0	56-35-9	10/28/2008
Lead hydrogen arsenate	232-064-2	7784-40-9	10/28/2008
Triethyl arsenate	427-700-2	15606-95-8	10/28/2008
Benzyl butyl phthalate	201-622-7	85-68-7	10/28/2008

Substance Name	EC Number	CAS Number	Date of Inclusion
Anthracene oil	292-602-7	90640-80-5	1/13/2010
Anthracene oil, anthracene paste, distn. lights	295-278-5	91995-17-4	
Anthracene oil, anthracene paste, anthracene fraction	295-275-9	91995-15-2	
Anthracene oil, anthracene-low	292-604-8	90640-82-7	
Anthracene oil, anthracene paste	292-603-2	90640-81-6	
Pitch, coal tar, high temp.	266-028-2	65996-93-2	1/13/2010
Aluminosilicate Refractory Ceramic Fibres <i>Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.2 of Regulation (EC) No 1272/2008, and fulfil the two following conditions:</i> a) Al ₂ O ₃ and SiO ₂ are present within the following concentration ranges: • Al ₂ O ₃ : 43.5 – 47 % w/w, and SiO ₂ : 49.5 – 53.5 % w/w, or • Al ₂ O ₃ : 45.5 – 50.5 % w/w, and SiO ₂ : 48.5 – 54 % w/w, b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometers (µm).	-	-	1/13/2010
Zirconia Aluminosilicate, Refractory Ceramic Fibres <i>Zirconia Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.2 of Regulation (EC) No 1272/2008, and fulfil the two following conditions:</i> a) Al ₂ O ₃ , SiO ₂ and ZrO ₂ are present within the following concentration ranges: • Al ₂ O ₃ : 35 – 36 % w/w, and • SiO ₂ : 47.5 – 50 % w/w, and • ZrO ₂ : 15 - 17 % w/w, b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometers (µm).	-	-	1/13/2010
2,4-Dinitrotoluene	204-450-0	121-14-2	1/13/2010
Diisobutyl phthalate	201-553-2	84-69-5	1/13/2010
Lead chromate	231-846-0	7758-97-6	1/13/2010
Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	235-759-9	12656-85-8	1/13/2010
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	215-693-7	1344-37-2	1/13/2010
tris(2-chloroethyl)phosphate	204-118-5	115-96-8	1/13/2010
Acrylamide	201-173-7	79-06-1	3/3/2010

Substance Name	EC Number	CAS Number	Date of Inclusion
Ammonium dichromate	232-143-1	7789-09-5	6/18/2010
Boric acid	233-139-2 / 234-343-4	10043-35-3 / 11113-50-1	6/18/2010
Disodium tetraborate, anhydrous	215-540-4	1303-96-4/ 1330-43-4/ 12179-04-3	6/18/2010
Potassium chromate	232-140-5	7789-00-6	6/18/2010
Potassium dichromate	231-906-6	7778-50-9	6/18/2010
Sodium chromate	231-889-5	7775-11-3	6/18/2010
Tetraboron disodium heptaoxide, hydrate	235-541-3	12267-73-1	6/18/2010
Trichloroethylene	201-167-4	79-01-6	12/15/2010
2-Ethoxyethanol	203-804-1	110-80-5	12/15/2010
2-Methoxyethanol	203-713-7	109-86-4	12/15/2010
Chromic acid, Oligomers of chromic acid and dichromic acid, Dichromic acid	231-801-5 236-881-5	7738-94-5 13530-68-2	12/15/2010
Chromium trioxide	215-607-8	1333-82-0	12/15/2010
Cobalt(II) carbonate	208-169-4	513-79-1	12/15/2010
Cobalt(II) diacetate	200-755-8	71-48-7	12/15/2010
Cobalt(II) dinitrate	233-402-1	10141-05-6	12/15/2010
Cobalt(II) sulphate	233-334-2	10124-43-3	12/15/2010

Based on this investigation we have determined that the following products (articles) contain SVHCs in a concentration greater than 0.1% by weight:

MTE Part Number	SVHC(s) Present in Part	Weight (grams) of SVHC in Part	Weight (grams) of Part	Percent Weight by Weight
RF3-0006-4	Dibutyl phthalate; DBP (CAS) 84-74-2 (EC) 201-557-4	1.765	650	0.3%
RF3-0006-6	Dibutyl phthalate; DBP (CAS) 84-74-2 (EC) 201-557-4	1.5561	650	0.2%
RF3-0010-4	Dibutyl phthalate; DBP (CAS) 84-74-2 (EC) 201-557-4	1.4098	700	0.2%
RF3-0010-6	Dibutyl phthalate; DBP (CAS) 84-74-2 (EC) 201-557-4	1.5561	700	0.2%
RF3-0018-6	Dibutyl phthalate; DBP (CAS) 84-74-2 (EC) 201-557-4	4.03	1100	0.4%
RF3-0025-4	Dibutyl phthalate; DBP (CAS) 84-74-2 (EC) 201-557-4	1.904	630	0.3%
RF3-0025-6	Dibutyl phthalate; DBP (CAS) 84-74-2 (EC) 201-557-4	4.03	1300	0.3%
RF3M-0030-4	Dibutyl phthalate; DBP (CAS) 84-74-2 (EC) 201-557-4	2.9328	1900	0.2%
RF3M-0010-4	Dibutyl phthalate; DBP (CAS) 84-74-2 (EC) 201-557-4	1.494	830	0.2%
RF3M-0016-4	Dibutyl phthalate; DBP (CAS) 84-74-2 (EC) 201-557-4	3.025	1550	0.2%

The information we gathered indicates that there will not be exposure to humans or the environment during normal or reasonable foreseeable conditions of use including disposal. Therefore Notification is not required per Article 7.2. The above information however is communicated pursuant to Article 33.

MTE Matrix PureSine filters and accessories (catalog numbers beginning with MPS) have not been evaluated at this time. To the best of our knowledge based on the information from our suppliers, all other MTE products (articles) and all packaging materials contain either no SVHCs or the concentration falls below 0.1% by weight.

Sincerely,



Jim Dresser
Quality Engineer