



International Imaging Materials

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Date: 20 Jan 2012

Re: IIMAK 2012 REACH and SVHC Compliance

Dear Customer:

IIMAK is in compliance with the European Chemical Agency's ("ECHA") Registration, Evaluation and Authorisation of Chemicals also known as REACH for all thermal transfer ribbons. Thermal transfer ribbons ("ink ribbons") are classified under the REACH definitions as "articles with intended release". The ink is regarded as a "preparation of substances" and the PET film as a "special carrier material".

IIMAK confirms that our thermal transfer ribbons do not contain any of the SVHCs listed as of **December 19, 2011** in concentration >0.1% weight per supplied article, substance or preparation weight.

IIMAK Product Listing Reference

WAX	WAX/RESIN	RESIN
GP725 Flexmark Eco DC100	PM308 PM255 DC200 NET Mark IQ NET Mark NET Flex NET Premium NET Colour	SP330 NET Resin IQ DC300/305 DC400

Please contact Mary Ellen Holvey, IIMAK Safety and Environmental Consultant, if you have any questions regarding this information at 1-888-464-4625, ext. 2514 or e-mail mary_ellen_hovey@iimak.com.

Best Regards,

Glenn Hopkins
Director, Process Engineering

Substance	EC No.	CAS No.	Inclusion Date
Sodium dichromate	234-190-3	7789-12-0, 10588-01-9	2008/10/28
5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	201-329-4	81-15-2	2008/10/28
4,4'- Diaminodiphenylmethane (MDA)	202-974-4	101-77-9	2008/10/28
Bis(tributyltin)oxide (TBTO)	200-268-0	56-35-9	2008/10/28
Triethyl arsenate	427-700-2	15606-95-8	2008/10/28
Dibutyl phthalate (DBP)	201-557-4	84-74-2	2008/10/28
Diarsenic trioxide	215-481-4	1327-53-3	2008/10/28
Anthracene	204-371-1	120-12-7	2008/10/28
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	287-476-5	85535-84-8	2008/10/28
Lead hydrogen arsenate	232-064-2	7784-40-9	2008/10/28
Benzyl butyl phthalate (BBP)	201-622-7	85-68-7	2008/10/28
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified: Alpha-hexabromocyclododecane Beta-hexabromocyclododecane Gamma-hexabromocyclododecane	247-148-4 and 221-695-9	25637-99-4, 3194-55-6 (134237-50-6) (134237-51-7) (134237-52-8)	2008/10/28
Diarsenic pentaoxide	215-116-9	1303-28-2	2008/10/28
Bis (2-ethylhexyl)phthalate (DEHP)	204-211-0	117-81-7	2008/10/28
Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	235-759-9	12656-85-8	2010/01/13
Lead chromate	231-846-0	7758-97-6	2010/01/13
Anthracene oil, anthracene-low	292-604-8	90640-82-7	2010/01/13
2,4-Dinitrotoluene	204-450-0	121-14-2	2010/01/13
Anthracene oil, anthracene paste, anthracene fraction	295-275-9	91995-15-2	2010/01/13
Anthracene oil	292-602-7	90640-80-5	2010/01/13
Tris(2-chloroethyl)phosphate	204-118-5	115-96-8	2010/01/13
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 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the two following conditions: 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 micrometres (µm).	-	Extracted from Index no.: 650-017-00-8	2010/01/13
Anthracene oil, anthracene paste, distn. lights	295-278-5	91995-17-4	2010/01/13
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 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the two following conditions: 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 micrometres (µm).	-	Extracted from Index no. 650-017-00-8	2010/01/13
Pitch, coal tar, high temp.	266-028-2	65996-93-2	2010/01/13
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	215-693-7	1344-37-2	2010/01/13
Diisobutyl phthalate	201-553-2	84-69-5	2010/01/13
Anthracene oil, anthracene paste	292-603-2	90640-81-6	2010/01/13
Acrylamide	201-173-7	79-06-1	2010/03/30
Disodium tetraborate, anhydrous	215-540-4	1303-96-4, 1330-43-4, 12179-04-3	2010/06/18

Substance	EC No.	CAS No.	Inclusion Date
Ammonium dichromate	232-143-1	7789-09-5	2010/06/18
Tetraboron disodium heptaoxide, hydrate	235-541-3	12267-73-1	2010/06/18
Potassium dichromate	231-906-6	7778-50-9	2010/06/18
Trichloroethylene	201-167-4	79-01-6	2010/06/18
Sodium chromate	231-889-5	7775-11-3	2010/06/18
Potassium chromate	232-140-5	7789-00-6	2010/06/18
Boric acid	233-139-2, 234-343-4	10043-35-3, 11113-50-1	2010/06/18
Acids generated from chromium trioxide and their oligomers. Group containing: Chromic acid, Dichromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid	231-801-5, 236-881-5	7738-94-5, 13530-68-2	2010/12/15
Cobalt(II) carbonate	208-169-4	513-79-1	2010/12/15
Cobalt(II) diacetate	200-755-8	71-48-7	2010/12/15
2-Methoxyethanol	203-713-7	109-86-4	2010/12/15
Chromium trioxide	215-607-8	1333-82-0	2010/12/15
Cobalt(II) dinitrate	233-402-1	10141-05-6	2010/12/15
Cobalt(II) sulphate	233-334-2	10124-43-3	2010/12/15
2-Ethoxyethanol	203-804-1	110-80-5	2010/12/15
1,2,3-Trichloropropane	202-486-1	96-18-4	2011/06/20
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	271-084-6	68515-42-4	2011/06/20
1-Methyl-2-pyrrolidone	212-828-1	872-50-4	2011/06/20
Hydrazine	206-114-9	302-01-2, 7803-57-8	2011/06/20
Strontium chromate	232-142-6	7789-06-2	2011/06/20
2-Ethoxyethyl acetate	203-839-2	111-15-9	2011/06/20
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	276-158-1	71888-89-6	2011/06/20
Cobalt dichloride	231-589-4	7646-79-9	2011/06/20 - 2008/10/28
Zirconia Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the three following conditions: a) oxides of aluminium, silicon and zirconium are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (µm). c) alkaline oxide and alkali earth oxide (Na ₂ O+K ₂ O+CaO+MgO+BaO) content less or equal to 18% by weight			2011/12/19
Calcium arsenate	231-904-5	7778-44-1	2011/12/19
Bis(2-methoxyethyl) ether	203-924-4	111-96-6	2011/12/19
Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the three following conditions: a) oxides of aluminium and silicon are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (µm) c) alkaline oxide and alkali earth oxide (Na ₂ O+K ₂ O+CaO+MgO+BaO) content less or equal to 18% by weight			2011/12/19
Potassium hydroxyoctaoxodizincatedichromate	234-329-8	11103-86-9	2011/12/19
Lead dipicrate	229-335-2	6477-64-1	2011/12/19
N,N-dimethylacetamide	204-826-4	127-19-5	2011/12/19
Arsenic acid	231-901-9	7778-39-4	2011/12/19

Substance	EC No.	CAS No.	Inclusion Date
2-Methoxyaniline; o-Anisidine	201-963-1	90-04-0	2011/12/19
Trilead diarsenate	222-979-5	3687-31-8	2011/12/19
1,2-dichloroethane	203-458-1	107-06-2	2011/12/19
Pentazinc chromate octahydroxide	256-418-0	49663-84-5	2011/12/19
Formaldehyde, oligomeric reaction products with aniline	500-036-1	25214-70-4	2011/12/19
Bis(2-methoxyethyl) phthalate	204-212-6	117-82-8	2011/12/19
4-(1,1,3,3-tetramethylbutyl)phenol	205-426-2	140-66-9	2011/12/19
Lead diazide, Lead azide	236-542-1	13424-46-9	2011/12/19
Phenolphthalein	201-004-7	77-09-8	2011/12/19
Dichromium tris(chromate)	246-356-2	24613-89-6	2011/12/19
Lead styphnate	239-290-0	15245-44-0	2011/12/19
2,2'-dichloro-4,4'-methylenedianiline	202-918-9	101-14-4	2011/12/19