

SVHC Candidate List
Identified by the European Chemicals Agency (ECHA)

TTM Supplier:	Nan Ya	Product name:	CCL	Product No.:	CCL/customer PP	
Substances Adopted October 2008						
Substance identification			Reason for Proposing	Present in TTM raw material?	If present, concentration	Comments re: SAFE use in an article if >1000 ppm
Substance name	CAS number	EC number				
Anthracene	120-12-7	204-371-1	PBT	No		
4, 4'- Diaminodiphenylmethane	101-77-9	202-974-4	CMR	No		
Dibutyl phthalate	84-74-2	201-557-4	CMR	No		
Cobalt dichloride	7646-79-9	231-589-4	CMR	No		
Diarsenic pentaoxide	1303-28-2	215-116-9	CMR	No		
Diarsenic trioxide	1327-53-3	215-481-4	CMR	No		
Sodium dichromate, dihydrate	7789-12-0	234-190-3	CMR	No		
5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	201-329-4	vPvB	No		
Bis (2-ethyl(hexyl)phthalate) (DEHP)	117-81-7	204-211-0	CMR	No		
Hexabromocyclododecane (HBCDD)	25637-99-4	247-148-4	PBT	No		
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	287-476-5	PBT	No		
Bis(tributyltin)oxide	56-35-9	200-268-0	PBT	No		
Lead hydrogen arsenate	7784-40-9	232-064-2	CMR	No		
Triethyl arsenate	15606-95-8	427-700-2	CMR	No		
Benzyl butyl phthalate	85-68-7	201-622-7	CMR	No		
Substances Adopted January 2010						
2,4-Dinitrotoluene	121-14-2	204-450-0	CMR	No		
Anthracene oil	90640-80-5	292-602-7	PBT, vPvB, CMR	No		
Anthracene oil, anthracene paste, distn. lights	91995-17-4	295-278-5	PBT, vPvB, CMR	No		
Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	295-275-9	PBT, vPvB, CMR	No		
Anthracene oil, anthracene-low	90640-82-7	292-604-8	PBT, vPvB, CMR	No		

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Substance name	CAS number	EC number				
Anthracene oil, anthracene paste	90640-81-6	292-603-2	PBT, vPvB, CMR	No		
Diisobutyl phthalate	84-69-5	201-553-2	CMR	No		
Aluminosilicate Refractory Ceramic Fibres as defined by ECHA in press release ECHA/PR/09/15			CMR	No		
Zirconia Aluminosilicate Refractory Ceramic Fibres as defined by ECHA in press release ECHA/PR/09/15			CMR	No		
Lead chromate	7758-97-6	231-846-0	CMR	No		
Lead chromate molybdate sulphate red (C.I. Pigment Red)	12656-85-8	235-759-9	CMR	No		
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	215-693-7	CMR	No		
tris(2-chloroethyl)phosphate	115-96-8	204-118-5	CMR	No		
Pitch, coal tar, high temp.	65996-93-2	266-028-2	PBT, vPvB, CMR	No		
Substance Adopted March 2010						
Acryamide	79-06-1	201-173-7	CMR	No		
Substances Adopted June 2010						
Trichloroethylene	79-01-6	201-167-4	CMR	No		
Boric acid	10043-35-3, 11113-50-1	233-139-2, 234-343-4	CMR	No		
Disodium tetraborate, anhydrous	1330-43-4, 12179-04-3, 1303-96-4	215-540-4	CMR	No		

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Substances Adopted June 2010 (continued)						
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Substance name	CAS number	EC number				
Tetraboron disodium heptaoxide, hydrate	12267-73-1	235-541-3	CMR	No		
Sodium chromate	7775-11-3	231-889-5	CMR	No		
Potassium chromate	7789-00-6	232-140-5	CMR	No		
Ammonium dichromate	7789-09-5	232-143-1	CMR	No		
Potassium dichromate	7778-50-9	231-906-6	CMR	No		
Substances Adopted December 2010						
Cobalt (II) sulphate	10124-43-3	233-334-2	CMR	No		
Cobalt (II) dinitrate	10141-05-6	233-402-1	CMR	No		
Cobalt (II) carbonate	513-79-1	208-169-4	CMR	No		
Cobalt (II) diacetate	71-48-7	200-755-8	CMR	No		
2 – Methoxyethanol	109-86-4	203-713-7	CMR	No		
2 – Ethoxyethanol	110-80-5	203-804-1	CMR	No		
Chromium trioxide	1333-82-0	215-607-8	CMR	No		
Acids generated from chromium trioxide and their oligimers: Chromic acid, Dichromic acid, Oligomers of chromic acid & dichromic acid	7738-94-5, 13530-68-2	231-801-5, 236-881-5	CMR	No		
Substances Adopted May 2011						
2-ethoxyethyl acetate	111-15-9	203-839-2	CMR	No		
Strontium chromate	7789-06-2	232-142-6	CMR	No		
1, 2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	271-084-6	CMR	No		
Hydrazine	7803-57-8, 302-01-2	206-828-1	CMR	No		
1-methyl-2-pyrrolidone	872-50-4	212-486-1	CMR	No		
1, 2, 3-trichloropropane	96-18-4	202-486-1	CMR	No		

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Substance name	CAS number	EC number				
1, 2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	276-158-1	CMR	No		
Substances Adopted December 2011						
Dichromium tris(chromate)	24613-89-6	246-356-2	CMR	No		
Potassium hydroxyoctaoxidizincatedichromate	11103-86-9	234-329-8	CMR	No		
Pentazinc chromate octahydroxide	49663-84-5	256-418-0	CMR	No		
Aluminosilicate Refractory Ceramic Fibres (RCF)	-	-	CMR	No		
Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF)	-	-	CMR	No		
Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	500-036-1	CMR	No		
Bis(2-methoxyethyl) phthalate	117-82-8	204-212-6	CMR	No		
2-Methoxyaniline; o-Anisidine	90-04-0	201-963-1	CMR	No		
4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	140-66-9	205-426-2	CMR	No		
1,2-Dichloroethane	107-06-2	203-458-1	CMR	No		
Bis(2-methoxyethyl) ether	111-96-6	203-924-4	CMR	No		
Arsenic acid	7778-39-4	231-901-9	CMR	No		
Calcium arsenate	7778-44-1	231-904-5	CMR	No		
Trilead diarsenate	3687-31-8	222-979-5	CMR	No		
N,N-dimethylacetamide (DMAC)	127-19-5	204-826-4	CMR	No		

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Substance name	CAS number	EC number				
2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	202-918-9	CMR	No		
Phenolphthalein	77-09-8	201-004-7	CMR	No		
Lead azide Lead diazide	13424-46-9	236-542-1	CMR	No		
Lead styphnate	15245-44-0	239-290-0	CMR	No		
Lead dipicrate	6477-64-1	229-335-2	CMR	No		
Other non-ECHA Identified Substances						
Certifier's Signature:	<i>YEN-SHU DU</i>			Title:	QC manager	
Printed Name:	YEN-SHU DU			E-mail:	du_ccl@npc.com.tw	
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