

ETC Part Number: _____

Supplier Part No.: Ferrite Core _____

Supplier Name: BINGRI TECH _____

REACH SVHC

Date: 2019.8.21 _____

Substance Declaration

Product Analyzed By: _____

SVHC according to ECHA Press Release (ECHA/PR/08/38) dated 28th October 2008

S. No.	Substance of Very High Concern (SVHC)	CAS #	EC Number	Reason for inclusion	Date of inclusion by ECHA	Contains the listed substance YES/NO	If yes what is the PPM level
1	Anthracene	120-12-7	204-371-1	Persistent, bioaccumulative and toxic	28-Oct-08	NO	
2	4,4'- Diaminodiphenylmethane	101-77-9	202-974-4	Carcinogen, cat.2	28-Oct-08	NO	
3	Dibutyl phthalate	84-74-2	201-557-4	Toxic for reproduction, cat. 2	28-Oct-08	NO	
4	Cobalt dichloride	7646-79-9	231-589-4	Carcinogen, cat. 2, Toxic for reproduction	28-Oct-08	NO	
5	Diarsenic pentaoxide	1303-28-2	215-116-9	Carcinogen, cat.1	28-Oct-08	NO	
6	Diarsenic trioxide	1327-53-3	215-481-4	Carcinogen, cat.1	28-Oct-08	NO	
7	Sodium dichromate (Dihydrate)	7789-12-0	234-190-3	Carcinogen, cat. 2 Mutagen, cat. 2 Toxic for reproduction, cat. 2	28-Oct-08	NO	
	Sodium dichromate (Anhydrous)	10588-01-9	234-190-3	Carcinogen, cat. 2 Mutagen, cat. 2 Toxic for reproduction, cat. 2	28-Oct-08	NO	
8	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	201-329-4	Very persistent and very bioaccumulative	28-Oct-08	NO	
9	Bis (2-ethyl(hexyl)phthalate) (DEHP)	117-81-7	204-211-0	Toxic for reproduction, cat.2	28-Oct-08	NO	
10	Hexabromocyclododecane (HBCDD)	25637-99-4	247-148-4	Persistent, bioaccumulative and toxic	28-Oct-08	NO	
	1,2,5,6,9,10-Hexabromocyclododecane	3194-55-6	221-695-9	Persistent, bioaccumulative and toxic	28-Oct-08	NO	
	α - HBCDD	134237-51-6	221-695-9	Persistent, bioaccumulative and toxic	28-Oct-08	NO	
	β-HBCDD	134237-50-7	221-695-9	Persistent, bioaccumulative and toxic	28-Oct-08	NO	
	γ-HBCDD	134237-52-8	221-695-9	Persistent, bioaccumulative and toxic	28-Oct-08	NO	
11	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	287-476-5	Persistent, bioaccumulative and toxic Very persistent and very bioaccumulative	28-Oct-08	NO	
12	Bis(tributyltin)oxide	56-35-9	200-268-0	Persistent, bioaccumulative and toxic	28-Oct-08	NO	
13	Lead hydrogen arsenate	7784-40-9	232-064-2	Carcinogen, cat. 1 Toxic for reproduction cat. 1	28-Oct-08	NO	
14	Benzyl butyl phthalate	85-68-7	201-622-7	Toxic for reproduction, cat.2	28-Oct-08	NO	
15	Triethyl arsenate	15606-95-8	427-700-2	Carcinogen, cat. 1	28-Oct-08	NO	

SVHC according to ECHA Press Release (ECHA/PR/10/01) dated 13th January 2010

16	Anthracene oil	90640-80-5	292-602-7	Persistent, bioaccumulative and toxic	13-Jan-10	NO	
17	Anthracene oil, anthracene paste, distn. Lights	91995-17-4	295-278-5	Persistent, bioaccumulative and toxic	13-Jan-10	NO	
18	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	295-275-9	Persistent, bioaccumulative and toxic	13-Jan-10	NO	
19	Anthracene oil, anthracene-low	90640-82-7	292-604-8	Persistent, bioaccumulative and toxic	13-Jan-10	NO	
20	Anthracene oil, anthracene paste	90640-81-6	292-603-2	Persistent, bioaccumulative and toxic	13-Jan-10	NO	
21	Coal tar pitch, high temperature	65996-93-2	266-028-2	Persistent, bioaccumulative and toxic; carcinogen, category 2	13-Jan-10	NO	
	Aluminosilicate, Refractory Ceramic Fibres (Index No. 650-017-00-8)	-	-	Carcinogen, category 2	13-Jan-10	NO	
	Zirconia Aluminosilicate, Refractory Ceramic Fibres (Index No. 650-017-00-8)	-	-	Carcinogen, category 2	13-Jan-10	NO	
22	2,4-Dinitrotoluene	121-14-2	204-450-0	Carcinogen, category 2	13-Jan-10	NO	
23	Diisobutyl phthalate	84-69-5	201-553-2	Toxic for reproduction, category 2	13-Jan-10	NO	
24	Lead chromate	7758-97-6	231-846-0	Carcinogen, category 2; toxic for reproduction, category 1	13-Jan-10	NO	
25	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8	235-759-9	Carcinogen, category 2; toxic for reproduction, category 1	13-Jan-10	NO	
26	Lead sulphochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	215-693-7	Carcinogen, category 2; toxic for reproduction, category 1	13-Jan-10	NO	
27	Tris(2-chloroethyl)phosphate	115-96-8	204-118-5	Toxic for reproduction, category 2	13-Jan-10	NO	

SVHC according to ECHA Press Release (ECHA/PR/10/05) dated 30th March 2010

28	Acrylamide	79-06-1	201-173-7	Carcinogen, category 2; Mutagen, category 2	30-Mar-10	NO	
----	------------	---------	-----------	---	-----------	----	--

SVHC according to ECHA Press Release (ECHA/PR/10/12) dated 18th June 2010

29	Trichloroethylene	79-01-6	201-167-4	Carcinogenic category 2	18-Jun-10	NO	
30	Boric acid	10043-35-3	233-139-2	Toxic for reproduction category 2	18-Jun-10	NO	
		11113-50-1	234-343-4	Toxic for reproduction category 2	18-Jun-10	NO	
31	Disodium tetraborate, anhydrous	1330-43-4	215-540-4	Toxic for reproduction category 2	18-Jun-10	NO	
		12179-04-3		Toxic for reproduction category 2	18-Jun-10	NO	
		1303-96-4		Toxic for reproduction category 2	18-Jun-10	NO	
32	Tetraboron disodium heptaoxide, hydrate	12267-73-1	235-541-3	Toxic for reproduction category 2	18-Jun-10	NO	
33	Sodium chromate	7775-11-3	231-889-5	Carcinogenic category 2; mutagenic category 2; toxic for reproduction, category 2	18-Jun-10	NO	
34	Potassium chromate	7789-00-6	232-140-5	Carcinogenic category 2; mutagenic category 2	18-Jun-10	NO	
35	Ammonium dichromate	7789-09-5	232-143-1	Carcinogenic category 2; mutagenic category 2; toxic for reproduction, category 2	18-Jun-10	NO	
36	Potassium dichromate	7778-50-9	231-906-6	Carcinogenic category 2; mutagenic category 2; toxic for reproduction, category 2	18-Jun-10	NO	

SVHC according to ECHA Press Release (ECHA/PR/10/26) dated 15th December 2010

37	Cobalt(II) sulphate	10124-43-3	233-334-2	CMR (carcinogen, cat. 2;toxic for reproduction,cat. 2)	15-Dec-10	NO	
38	Cobalt(II) dinitrate	10141-05-6	233-402-1	CMR (carcinogen, cat. 2;toxic for reproduction,cat. 2)	15-Dec-10	NO	
39	Cobalt(II) carbonate	513-79-1	208-169-4	CMR (carcinogen, cat. 2;toxic for reproduction,cat. 2)	15-Dec-10	NO	
40	Cobalt(II) diacetate	71-48-7	200-755-8	CMR (carcinogen, cat. 2;toxic for reproduction,cat. 2)	15-Dec-10	NO	
41	2-Methoxyethanol	109-86-4	203-713-7	CMR (toxic for reproduction,cat. 2)	15-Dec-10	NO	
42	2-Ethoxyethanol	110-80-5	203-804-1	CMR (toxic for reproduction,cat. 2)	15-Dec-10	NO	
43	Chromium trioxide	1333-82-0	215-607-8	CMR (carcinogen, cat. 1;mutagen, cat. 2)	15-Dec-10	NO	
44	Acids generated from chromium trioxide and their oligomers:				15-Dec-10	NO	
	Chromic acid	7738-94-5	231-801-5	CMR (carcinogen, cat. 2)	15-Dec-10	NO	
	Dichromic acid	13530-68-2	236-881-5	CMR (carcinogen, cat. 2)	15-Dec-10	NO	
	Oligomers of chromic acid and dichromic acid	-	-	CMR (carcinogen, cat. 2)	15-Dec-10	NO	

SVHC according to ECHA Press Release (ECHA/PR/11/15) dated 20th June 2011

45	2-ethoxyethyl acetate	111-15-9	203-839-2	Toxic for reproduction	20-Jun-11	NO	
46	strontium chromate	7789-06-2	232-142-6	Carcinogenic	20-Jun-11	NO	
47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	68515-42-4	271-084-6	Toxic for reproduction	20-Jun-11	NO	
48	Hydrazine	302-01-2 / 7803-57-8	206-114-9	Carcinogenic	20-Jun-11	NO	
49	1-methyl-2-pyrrolidone	872-50-4	212-828-1	Toxic for reproduction	20-Jun-11	NO	
50	1,2,3-trichloropropane	96-18-4	202-486-1	Carcinogenic and toxic for reproduction	20-Jun-11	NO	
51	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	276-158-1	Toxic for reproduction	20-Jun-11	NO	

SVHC according to ECHA Press Release (ECHA/PR/11/26) dated 19th Dec 2011

52	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 than two standard geometric errors of 6 or less micrometres (µm). c) alkaline oxide and alkali earth oxide (Na2O+K2O+CaO+MgO+BaO) content less or equal to 18% by weight			Carcinogenic (article 57 a)	19-Dec-11	NO	
53	Calcium arsenate	7778-44-1	231-904-5	Carcinogenic (article 57 a)	19-Dec-11	NO	
54	Bis(2-methoxyethyl) ether	111-96-6	203-924-4	Toxic for reproduction (article 57 c)	19-Dec-11	NO	

55	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			Carcinogenic (article 57 a)	19-Dec-11	NO	
56	Potassium hydroxyoctaoxodizincatedichromate	11103-86-9	234-329-8	Carcinogenic (article 57 a)	19-Dec-11	NO	
57	Lead dipicrate	6477-64-1	229-335-2	Toxic for reproduction (article 57 c)	19-Dec-11	NO	
58	N,N-dimethylacetamide	127-19-5	204-826-4	Toxic for reproduction (article 57 c)	19-Dec-11	NO	
59	Arsenic acid	7778-39-4	231-901-9	Carcinogenic (article 57 a)	19-Dec-11	NO	
60	2-Methoxyaniline; o-Anisidine	90-04-0	201-963-1	Carcinogenic (article 57 a)	19-Dec-11	NO	
61	Trilead diarsenate	3687-31-8	222-979-5	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)	19-Dec-11	NO	
62	1,2-dichloroethane	107-06-2	203-458-1	Carcinogenic (article 57 a)	19-Dec-11	NO	
63	Pentazinc chromate octahydroxide	49663-84-5	256-418-0	Carcinogenic (article 57 a)	19-Dec-11	NO	
64	4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9	205-426-2	Equivalent level of concern having probable serious effects to	19-Dec-11	NO	
65	Formaldehyde, oligomeric reaction products with aniline	25214-70-4	500-036-1	Carcinogenic (article 57 a)	19-Dec-11	NO	
66	Bis(2-methoxyethyl) phthalate	117-82-8	204-212-6	Toxic for reproduction (article 57 c)	19-Dec-11	NO	
67	Lead diazide, Lead azide	13424-46-9	236-542-1	Toxic for reproduction (article 57 c),	19-Dec-11	NO	
68	Lead styphnate	15245-44-0	239-290-0	Toxic for reproduction (article 57 c)	19-Dec-11	NO	
69	2,2'-dichloro-4,4'-methylenedianiline	101-14-4	202-918-9	Carcinogenic (article 57 a)	19-Dec-11	NO	
70	Phenolphthalein	77-09-8	201-004-7	Carcinogenic (article 57 a)	19-Dec-11	NO	
71	Dichromium tris(chromate)	24613-89-6	246-356-2	Carcinogenic (article 57 a)	19-Dec-11	NO	
SVHC according to ECHA Press Release (ECHA/PR/12/16) dated 18th June 2012							
72	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	203-977-3	Toxic for reproduction (Article 57 c)	18-Jun-12	NO	
73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	203-794-9	Toxic for reproduction (Article 57 c)	18-Jun-12	NO	
74	Diboron trioxide	1303-86-2	215-125-8	Toxic for reproduction (Article 57 c)	18-Jun-12	NO	
75	Formamide	75-12-7	200-842-0	Toxic for reproduction (Article 57 c)	18-Jun-12	NO	
76	Lead(II) bis(methanesulfonate)	17570-76-2	401-750-5	Toxic for reproduction (Article 57 c)	18-Jun-12	NO	
77	1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6-(1H,3H,5H)-	2451-62-9	219-514-3	Mutagenic (Article 57 b)	18-Jun-12	NO	
78	1,3,5-tris(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (β-TGIC)	59653-74-6	423-400-0	Mutagenic (Article 57 b)	18-Jun-12	NO	
79	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8	202-027-5	Carcinogenic (Article 57 a)	18-Jun-12	NO	
80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	202-959-2	Carcinogenic (Article 57 a)	18-Jun-12	NO	
81	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Blue 26) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	2580-56-5	219-943-6	Carcinogenic (Article 57 a)	18-Jun-12	NO	
82	[4-[[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	548-62-9	208-953-6	Carcinogenic (Article 57 a)	18-Jun-12	NO	
83	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	561-41-1	209-218-2	Carcinogenic (Article 57 a)	18-Jun-12	NO	
84	α,α-Bis[4-(dimethylamino)phenyl]-4-(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	6786-83-0	229-851-8	Carcinogenic (Article 57 a)	18-Jun-12	NO	
SVHC according to ECHA Press Release (ECHA/PR/12/39) dated 19th Dec 2012							
85	Pyrochloro, antimony lead yellow	232-382-1	8012-00-8	Toxic for reproduction (Article 57 c)	19-Dec-12	NO	
86	6-methoxy-m-toluidine (p-cresidine)	204-419-1	120-71-8	Carcinogenic (Article 57a)	19-Dec-12	NO	
87	Henicosafuoroundecanoic acid	218-165-4	2058-94-8	vPvB (Article 57 e)	19-Dec-12	NO	
88	Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans-stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	247-094-1, 243-072-0, 256-356-4, 260-566-1	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	Equivalent level of concern having probable serious effects to	19-Dec-12	NO	
89	Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	201-604-9, 236-086-3, 238-009-9	85-42-7, 13149-00-3, 14166-21-3	Equivalent level of concern having probable serious effects to	19-Dec-12	NO	
90	Dibutyltin dichloride (DBTC)	211-670-0	683-18-1	Toxic for reproduction (Article 57 c)	19-Dec-12	NO	
91	Lead bis(tetrafluoroborate)	237-486-0	13814-96-5	Toxic for reproduction (Article 57 c)	19-Dec-12	NO	
92	Lead dinitrate	233-245-9	10099-74-8	Toxic for reproduction (Article 57 c)	19-Dec-12	NO	
93	Silicic acid, lead salt	234-363-3	11120-22-2	Toxic for reproduction (Article 57 c)	19-Dec-12	NO	
94	4-Aminoazobenzene	200-453-6	60-09-3	Carcinogenic (Article 57a)	19-Dec-12	NO	
95	Lead titanium zirconium oxide	235-727-4	12626-81-2	Toxic for reproduction (Article 57 c)	19-Dec-12	NO	
96	Lead monoxide (lead oxide)	215-267-0	1317-36-8	Toxic for reproduction (Article 57 c)	19-Dec-12	NO	
97	o-Toluidine	202-429-0	95-53-4	Carcinogenic (Article 57a)	19-Dec-12	NO	
98	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	421-150-7	143860-04-2	Toxic for reproduction (Article 57 c)	19-Dec-12	NO	
99	Silicic acid (H ₂ SiO ₂), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	272-271-5	68784-75-8	Toxic for reproduction (Article 57 c)	19-Dec-12	NO	
100	Trilead bis(carbonate)dihydroxide	215-290-6	1319-46-6	Toxic for reproduction (Article 57 c)	19-Dec-12	NO	
101	Furan	203-727-3	110-00-9	Carcinogenic (Article 57a)	19-Dec-12	NO	
102	N,N-dimethylformamide	200-679-5	68-12-2	Toxic for reproduction (Article 57 c)	19-Dec-12	NO	
103	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	-	-	Equivalent level of concern having probable serious effects to	19-Dec-12	NO	
104	4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	-	-	Equivalent level of concern having probable serious effects to	19-Dec-12	NO	
105	4,4'-methylene-di-o-toluidine	212-658-8	838-88-0	Carcinogenic (Article 57a)	19-Dec-12	NO	
106	Diethyl sulphate	200-589-6	64-67-5	Carcinogenic (Article 57a); Mutagenic (Article 57b)	19-Dec-12	NO	
107	Dimethyl sulphate	201-058-1	77-78-1	Carcinogenic (Article 57a)	19-Dec-12	NO	
108	Lead oxide sulfate	234-853-7	12036-76-9	Toxic for reproduction (Article 57 c)	19-Dec-12	NO	
109	Lead titanium trioxide	235-038-9	12060-00-3	Toxic for reproduction (Article 57 c)	19-Dec-12	NO	
110	Acetic acid, lead salt, basic	257-175-3	51404-69-4	Toxic for reproduction (Article 57 c)	19-Dec-12	NO	
111	[Phthalato(2-)]dioxotrilead	273-688-5	69011-06-9	Toxic for reproduction (Article 57 c)	19-Dec-12	NO	
112	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	214-604-9	1163-19-5	PBT (Article 57 d); vPvB (Article 57 e)	19-Dec-12	NO	
113	N-methylacetamide	201-182-6	79-16-3	Toxic for reproduction (Article 57 c)	19-Dec-12	NO	
114	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	201-861-7	88-85-7	Toxic for reproduction (Article 57 c)	19-Dec-12	NO	
115	1,2-Diethoxyethane	211-076-1	629-14-1	Toxic for reproduction (Article 57 c)	19-Dec-12	NO	
116	Tetralead trioxide sulphate	235-380-9	12202-17-4	Toxic for reproduction (Article 57 c)	19-Dec-12	NO	
117	N-pentyl-isopentylphthalate	-	776297-69-9	Toxic for reproduction (Article 57 c)	19-Dec-12	NO	
118	Dioxobis(stearato)trilead	235-702-8	12578-12-0	Toxic for reproduction (Article 57 c)	19-Dec-12	NO	
119	Tetraethyllead	201-075-4	78-00-2	Toxic for reproduction (Article 57 c)	19-Dec-12	NO	
120	Pentalead tetraoxide sulphate	235-067-7	12065-90-6	Toxic for reproduction (Article 57 c)	19-Dec-12	NO	
121	Pentacosafuorotridecanoic acid	276-745-2	72629-94-8	vPvB (Article 57 e)	19-Dec-12	NO	
122	Tricosafuorododecanoic acid	206-203-2	307-55-1	vPvB (Article 57 e)	19-Dec-12	NO	
123	Heptacosafuorotetra-decanoic acid	206-803-4	376-06-7	vPvB (Article 57 e)	19-Dec-12	NO	
124	1-bromopropane (n-propyl bromide)	203-445-0	106-94-5	Toxic for reproduction (Article 57 c)	19-Dec-12	NO	
125	Methoxyacetic acid	210-894-6	625-45-6	Toxic for reproduction (Article 57 c)	19-Dec-12	NO	
126	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	202-453-1	95-80-7	Carcinogenic (Article 57a)	19-Dec-12	NO	
127	Methyloxirane (Propylene oxide)	200-879-2	75-56-9	Carcinogenic (Article 57a); Mutagenic (Article 57b)	19-Dec-12	NO	
128	Trilead dioxide phosphonate	235-252-2	12141-20-7	Toxic for reproduction (Article 57 c)	19-Dec-12	NO	
129	o-aminoazotoluene	202-591-2	97-56-3	Carcinogenic (Article 57a)	19-Dec-12	NO	
130	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	284-032-2	84777-06-0	Toxic for reproduction (Article 57 c)	19-Dec-12	NO	
131	4,4'-oxydianiline and its salts	202-977-0	101-80-4	Carcinogenic (Article 57a); Mutagenic (Article 57b)	19-Dec-12	NO	
132	Orange lead (lead tetroxide)	215-235-6	1314-41-6	Toxic for reproduction (Article 57 c)	19-Dec-12	NO	

133	Biphenyl-4-ylamine	202-177-1	92-67-1	Carcinogenic (Article 57a)	19-Dec-12	NO	
134	Diisopentylphthalate	210-088-4	605-50-5	Toxic for reproduction (Article 57 c)	19-Dec-12	NO	
135	Fatty acids, C16-18, lead salts	292-966-7	91031-62-8	Toxic for reproduction (Article 57 c)	19-Dec-12	NO	
136	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	204-650-8	123-77-3	Equivalent level of concern having probable serious effects to human health (Article 57 f)	19-Dec-12	NO	
137	Sulfurous acid, lead salt, dibasic	263-467-1	62229-08-7	Toxic for reproduction (Article 57 c)	19-Dec-12	NO	
138	Lead cyanamidate	244-073-9	20837-86-9	Toxic for reproduction (Article 57 c)	19-Dec-12	NO	

SVHC according to ECHA Press Release (ECHA/PR/13/26) dated 20th Jun 2013

S. No.	Substance of Very High Concern (SVHC)	CAS #	EC Number	Reason for inclusion	Date of inclusion by ECHA	Contains the listed substance YES/NO	If yes what is the PPM level
139	Cadmium	7440-43-9	231-152-8	Carcinogenic (Article 57a); Equivalent level of concern having probable serious effects to human health (Article 57 f)	20-Jun-13	NO	
140	Cadmium oxide	1306-19-0	215-146-2	Carcinogenic (Article 57a); Equivalent level of concern having probable serious effects to human health (effects on kidney and bone) (Article 57 f)	20-Jun-13	NO	
141	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	223-320-4	Toxic for reproduction (Article 57 c); PBT (Article 57 d)	20-Jun-13	NO	
142	Pentadecafluorooctanoic acid (PFOA)	335-67-1	206-397-9	Toxic for reproduction (Article 57 c); PBT (Article 57 d)	20-Jun-13	NO	
143	Dipentyl phthalate (DPP)	131-18-0	205-017-9	Toxic for reproduction (Article 57 c)	20-Jun-13	NO	
144	4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	-	-	Equivalent level of concern having probable serious effects to the environment (due to the endocrine disrupting properties of the degradation products) (Article 57 f)	20-Jun-13	NO	

SVHC according to ECHA Press Release (ECHA/PR/13/40) dated 16th Dec 2013

S. No.	Substance of Very High Concern (SVHC)	CAS #	EC Number	Reason for inclusion	Date of inclusion by ECHA	Contains the listed substance YES/NO	If yes what is the PPM level
145	Cadmium sulphide	1306-23-6	215-147-8	Carcinogenic (Article 57a); Equivalent level of concern having probable serious effects to human health (Article 57 f)	16-Dec-13	NO	
146	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	209-358-4	Carcinogenic (Article 57a)	16-Dec-13	NO	
147	Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	1937-37-7	217-710-3	Carcinogenic (Article 57a)	16-Dec-13	NO	
148	Dihexyl phthalate	84-75-3	201-559-5	Toxic for reproduction (Article 57 c)	16-Dec-13	NO	
149	Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7	202-506-9	Toxic for reproduction (Article 57 c)	16-Dec-13	NO	
150	Lead di(acetate)	301-04-2	206-104-4	Toxic for reproduction (Article 57 c)	16-Dec-13	NO	
151	Trixylyl phosphate	25155-23-1	246-677-8	Toxic for reproduction (Article 57 c)	16-Dec-13	NO	

SVHC according to ECHA last updated 16th Jun 2014

S. No.	Substance of Very High Concern (SVHC)	CAS #	EC Number	Reason for inclusion	Date of inclusion by ECHA	Contains the listed substance YES/NO	If yes what is the PPM level
152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	271-093-5	Toxic for reproduction (Article 57 c)	16-Jun-14	NO	
153	Sodium perborate; perboric acid, sodium salt	-	239-172-9; 234-390-0	Toxic for reproduction (Article 57 c)	16-Jun-14	NO	
154	Sodium peroxometaborate	7632-04-4	231-556-4	Toxic for reproduction (Article 57 c)	16-Jun-14	NO	
155	Cadmium chloride	10108-64-2	233-296-7	Carcinogenic (Article 57a); Mutagenic (Article 57b); Toxic for reproduction (Article 57c); Equivalent level of concern having probable serious effects to human health (Article 57 f)	16-Jun-14	NO	

SVHC according to ECHA last updated 17th Dec 2014

S. No.	Substance of Very High Concern (SVHC)	CAS #	EC Number	Reason for inclusion	Date of inclusion by ECHA	Contains the listed substance YES/NO	If yes what is the PPM level
156	Cadmium fluoride	7790-79-6	232-222-0	Carcinogenic (Article 57 a); Mutagenic (Article 57 b); Toxic for reproduction (Article 57 c); Equivalent level of concern having probable serious effects to human health (Article 57 f)	17-Dec-14	NO	
157	Cadmium sulphate	10124-36-4, 631119-53-6	233-331-6	Carcinogenic (Article 57 a); Mutagenic (Article 57 b); Toxic for reproduction (Article 57 c); Equivalent level of concern having probable serious effects to human health (Article 57 f)	17-Dec-14	NO	
158	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	223-346-6	PBT (Article 57 d); vPvB (Article 57 e)	17-Dec-14	NO	
159	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	247-384-8	PBT (Article 57 d); vPvB (Article 57 e)	17-Dec-14	NO	
160	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (NOTE)	15571-58-1	239-622-4	Toxic for reproduction (Article 57 c)	17-Dec-14	NO	
161	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of NOTE and MOTE)	-	-	Toxic for reproduction (Article 57 c)	17-Dec-14	NO	

SVHC according to ECHA last updated 15th June 2015

S. No.	Substance of Very High Concern (SVHC)	CAS #	EC Number	Reason for inclusion	Date of inclusion by ECHA	Contains the listed substance YES/NO	If yes what is the PPM level
162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate (EC No. 201-559-5)	68515-51-5 68648-93-1	271-094-0 272-013-1	Toxic for reproduction (Article 57 c)	15-Jun-15	NO	
163	5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	-	-	vPvB (Article 57e)	15-Jun-15	NO	

SVHC according to ECHA last updated 15th Dec 2015 (ED/79/2015)

S. No.	Substance of Very High Concern (SVHC)	CAS #	EC Number	Reason for inclusion	Date of inclusion by ECHA	Contains the listed substance YES/NO	If yes what is the PPM level
164	1,3-propanesultone	1120-71-4	214-317-9	Carcinogenic (Article 57 a)	17-Dec-15	NO	
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	223-383-8	vPvB (Article 57 e)	17-Dec-15	NO	
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	253-037-1	vPvB (Article 57 e)	17-Dec-15	NO	
167	Nitrobenzene	98-95-3	202-716-0	Toxic for reproduction (Article 57 c)	17-Dec-15	NO	
168	Perfluorononan-1-oiic-acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4	206-801-3	Toxic for reproduction (Article 57 c) PBT (Article 57 d)	17-Dec-15	NO	

SVHC according to ECHA last updated 20th Jun 2016 (ED/21/2016)

S. No.	Substance of Very High Concern (SVHC)	CAS #	EC Number	Reason for inclusion	Date of inclusion by ECHA	Contains the listed substance YES/NO	If yes what is the PPM level
169	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	200-028-5	Carcinogenic (Article 57 a); Mutagenic (Article 57 b); Toxic for reproduction (Article 57 c); PBT (Article 57 d); vPvB (Article 57 e)	20-Jun-16	NO	

SVHC according to ECHA last updated 19th Dec 2016 (ED/01/2017)

S. No.	Substance of Very High Concern (SVHC)	CAS #	EC Number	Reason for inclusion	Date of inclusion by ECHA	Contains the listed substance YES/NO	If yes what is the PPM level
170	4,4'-isopropylidenediphenol (bisphenol A)	80-05-7	201-245-8	Toxic for reproduction (Article 57c) Endocrine disrupting properties (Article 57(f) - human health)	19-Dec-16	NO	
171	4-heptylphenol, branched and linear (4-HPbl) substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof	-	-	Equivalent level of concern having probable serious effects to environment (Article 57 f)	19-Dec-16	NO	
172	nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts Ammonium nonadecafluorodecanoate	335-76-2 3108-42-7	206-400-3 221-470-5	Toxic for reproduction (Article 57c) PBT (Article 57 d)	19-Dec-16	NO NO	

173	Decanoic acid, nonadecafluoro-, sodium salt	3830-45-3					NO	
	p-(1,1-dimethylpropyl)phenol	80-46-6	201-280-9	Equivalent level of concern having probable serious effects to environment (Article 57 f)	19-Dec-16		NO	
SVHC according to ECHA last updated 7th Jul 2017 (ED/30/2017)								
S. No.	Substance of Very High Concern (SVHC)	CAS #	EC Number	Reason for inclusion	Date of inclusion by ECHA	Contains the listed substance YES/NO	If yes what is the PPM level	
174	Perfluorohexane-1-sulphonic acid and its salts PFHxS	-	-	vPvB (Article 57 e)	7-Jul-17	NO		
SVHC according to ECHA last updated 15th Jan 2018 (ED/01/2018)								
S. No.	Substance of Very High Concern (SVHC)	CAS #	EC Number	Reason for inclusion	Date of inclusion by ECHA	Contains the listed substance YES/NO	If yes what is the PPM level	
175	Chrysene	218-01-9, 1719-03-5	205-923-4	Carcinogenic (Article 57a); PBT (Article 57d) vPvB (Article 57e)	15-Jan-18	NO		
176	Benz[a]anthracene	56-55-3, 1718-53-2	200-280-6	Carcinogenic (Article 57a); PBT (Article 57d) vPvB (Article 57e)	15-Jan-18	NO		
177	Cadmium nitrate	10022-68-1, 10325-94-7	233-710-6	Carcinogenic (Article 57a); Mutagenic (Article 57b) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)	15-Jan-18	NO		
178	Cadmium hydroxide	21041-95-2	244-168-5	Carcinogenic (Article 57a); Mutagenic (Article 57b) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)	15-Jan-18	NO		
179	Cadmium carbonate	513-78-0	208-168-9	Carcinogenic (Article 57a); Mutagenic (Article 57b) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)	15-Jan-18	NO		
180	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus™") [covering any of its individual anti- and syn-isomers or any combination thereof]	-	-	vPvB (Article 57e)	15-Jan-18	NO		
181	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) with ≥0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)	-	-	Endocrine disrupting properties (Article 57(f) - environment)	15-Jan-18	NO		
SVHC according to ECHA last updated 27th Jun 2018 (ED/61/2018)								
S. No.	Substance of Very High Concern (SVHC)	CAS #	EC Number	Reason for inclusion	Date of inclusion by ECHA	Contains the listed substance YES/NO	If yes what is the PPM level	
182	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride trimellitic anhydride; TMA	552-30-7	209-008-0	Respiratory sensitising properties (Article 57(f) - human health)	27-Jun-18	NO		
183	Benzo[ghi]perylene	191-24-2	205-883-8	PBT (Article 57d); vPvB (Article 57e)	27-Jun-18	NO		
184	Decamethylcyclopentasiloxane D5	541-02-6	208-764-9	PBT (Article 57d); vPvB (Article 57e)	27-Jun-18	NO		
185	Dicyclohexyl phthalate DCHP	84-61-7	201-545-9	Toxic for reproduction (Article 57c); Endocrine disrupting properties (Article 57(f) - human health)	27-Jun-18	NO		
186	Disodium octaborate	12008-41-2	234-541-0	Toxic for reproduction (Article 57c)	27-Jun-18	NO		
187	Dodecamethylcyclohexasiloxane D6	540-97-6	208-762-8	PBT (Article 57d); vPvB (Article 57e)	27-Jun-18	NO		
188	Ethylenediamine EDA	107-15-3	203-468-6	Respiratory sensitising properties (Article 57(f) - human health)	27-Jun-18	NO		
189	Lead	7439-92-1	231-100-4	Toxic for reproduction (Article 57c)	27-Jun-18	NO		
190	Octamethylcyclotetrasiloxane D4	556-67-2	209-136-7	PBT (Article 57d); vPvB (Article 57e)	27-Jun-18	NO		
191	Terphenyl, hydrogenated	61788-32-7	262-967-7	vPvB (Article 57e)	27-Jun-18	NO		
SVHC according to ECHA last updated 15th Jan 2019 (ED/88/2019)								
S. No.	Substance of Very High Concern (SVHC)	CAS #	EC Number	Reason for inclusion	Date of inclusion by ECHA	Contains the listed substance YES/NO	If yes what is the PPM level	
192	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	401-720-1	Toxic for reproduction (Article 57c)	15-Jan-19	NO		
193	Benzo[k]fluoranthene	207-08-9	205-916-6	Carcinogenic (Article 57a); PBT (Article 57d); vPvB (Article 57e)	15-Jan-19	NO		
194	Fluoranthene	206-44-0; 93951-69-0	205-912-4	PBT (Article 57d); vPvB (Article 57e)	15-Jan-19	NO		
195	Phenanthrene	85-01-8	201-581-5	vPvB (Article 57e)	15-Jan-19	NO		
196	Pyrene	129-00-0; 1718-52-1	204-927-3	PBT (Article 57d); vPvB (Article 57e)	15-Jan-19	NO		
197	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one	15087-24-8	239-139-9	Endocrine disrupting properties (Article 57(f) - environment)	15-Jan-19	NO		
SVHC according to ECHA last updated 16th Jul 2019 (ED/71/2019)								
S. No.	Substance of Very High Concern (SVHC)	CAS #	EC Number	Reason for inclusion	Date of inclusion by ECHA	Contains the listed substance YES/NO	If yes what is the PPM level	
198	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides	-	-	Endocrine disrupting properties (Article 57(f) - environment)	16-Jul-19	NO		
199	2-methoxyethyl acetate	98-54-4	202-679-0	Endocrine disrupting properties (Article 57(f) - environment)	16-Jul-19	NO		
200	4-tert-butylphenol	110-49-6	203-772-9	Toxic for reproduction (Article 57c)	16-Jul-19	NO		
201	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	-	-	Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health) Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment)	16-Jul-19	NO		

Signature of Authorized Company Representative: _____



Title: _____

Email Address: hank@bing-ri.com.tw

Date: 2019.8.21