



TEST REPORT

Page 1 of 11

REPORT NUMBER: TURR160071369

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Attention: Atakan Tuncel (atakan.tuncel@divortex.com.tr)

SAMPLE DESCRIPTION:

Sample 1 Car Shine Prime Sample 2 Wild clean Sample 3 Red shine Sample 4 Full clean Sample 5 Full Clean 2

DATE IN: 29 April, 2016

DATE OUT: 26 May, 2016

REQUEST: SVHC Testing regarding REACH Regulation (EC) No. 1907/2006 for updated SVHC List of

17th December, 2015

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RESULTS Page 2 of 11

REPORT : TURR160071369 26 May, 2016

Test Method Result Requirements

Tested Component Parts:

CS: Combined Sample

CS	Description	
1	CS 1	Combined sample of Car Shine Prime, Wild Clean, Red Shine, Full Clean, Full Clean 2





RESULTS Page 3 of 11

REPORT : TURR160071369 26 May, 2016

Test Method Result Requirements

(I) SVHC Testing Results

(a) The First List (15 SVHC Released in Oct, 2008)

Chemical Substance	CAS-No.	RESULTS (% w/w)
		CS 1
Cobalt Dichloride ∆	7646-79-9	<0.1%
Diarsenic Pentaoxide ∆	1303-28-2	<0.1%
Diarsenic Trioxide Δ	1327-53-3	<0.1%
Lead Hydrogen Arsenate ∆	7784-40-9	<0.1%
Triethyl Arsenate Δ	15606-95-8	<0.1%
Sodium Dichromate Δ	7789-12-0, 10588-01-9	<0.1%
Bis (Tributyltin) Oxide (TBTO) ∆	56-35-9	<0.1%
Anthracene	120-12-7	<0.1%
4,4'-Diaminodiphenylmethane (MDA)	101-77-9	<0.1%
Hexabromocyclododecane (HBCDD) and All	25637-99-4 and 3194-	
Major Diastereoisomers Identified	55-6 (134237-50-6,	<0.1%
(α-HBCDD, β-HBCDD, γ-HBCDD)	134237-51-7, 134237-	<0.1%
	52-8)	
5-Tert-Butyl-2,4,6-Trinitro-m-Xylene (Musk		<0.1%
Xylene)	81-15-2	<0.176
Bis (2-Ethylhexyl) Phthalate (DEHP)	117-81-7	<0.1%
Dibutyl Phthalate (DBP)	84-74-2	<0.1%
Benzyl Butyl Phthalate (BBP)	85-68-7	<0.1%
Short Chain Chlorinated Paraffins (C ₁₀₋₁₃)	85535-84-8	<0.1%

(b) The Second List (13 SVHC Release in Jan, 2010 and Mar, 2010)

Chemical Substance	CAS-No.	RESULTS (% w/w)
		CS 1
Lead Chromate Δ	7758-97-6	<0.1%
Lead Chromate Molybdate Sulphate Red (C.I. Pigment Red		<0.1%
104) <u>\(\Delta\) \(\Delta\)</u>	12656-85-8	<0.176
Lead Sulfochromate Yellow (C.I. Pigment		<0.1%
Yellow 34) ∆	1344-37-2	<0.176
Tris (2-Chloroethyl) Phosphate	115-96-8	<0.1%
2,4-Dinitrotoluene	121-14-2	<0.1%
Diisobutyl Phthalate (DIBP)	84-69-5	<0.1%
Coal Tar Pitch, High Temperature	65996-93-2	<0.1%
Anthracene Oil	90640-80-5	<0.1%
Anthracene Oil, Anthracene Paste, Distn. Lights	91995-17-4	<0.1%
Anthracene Oil, Anthracene Paste, Anthracene	04005 45 0	<0.1%
Fraction	91995-15-2	
Anthracene Oil, Anthracene-low	90640-82-7	<0.1%
Anthracene Oil, Anthracene Paste	90640-81-6	<0.1%
Acrylamide	79-06-1	<0.1%





RESULTS Page 4 of 11

REPORT : TURR160071369 26 May, 2016

Test Method Result Requirements

(c) The Third List (8 SVHC Release in Jun,2010)

Chemical Substance	CAS-No.	RESULTS (% w/w)
		CS 1
Boric Acid ∆	10043-35-3, 11113-50-1	<0.1%
	1330-43-4,	<0.1%
Disodium Tetraborate, Anhydrous Δ	12179-04-3,	
·	1303-96-4	
Tetraboron Disodium Heptaoxide, Hydrate Δ	12267-73-1	<0.1%
Sodium Chromate Δ	7775-11-3	<0.1%
Potassium Chromate Δ	7789-00-6	<0.1%
Ammonium Dichromate Δ	7789-09-5	<0.1%
Potassium Dichromate Δ	7778-50-9	<0.1%
Trichloroethylene	79-01-6	<0.1%

(d) The Fourth List (8 SVHC Release in Dec,2010)

Chemical Substance	CAS-No.	RESULTS (% w/w)
		CS 1
2-Methoxyethanol	109-86-4	<0.1%
2-Ethoxyethanol	110-80-5	<0.1%
Cobalt Sulphate ∆	10124-43-3	<0.1%
Cobalt Dinitrate ∆	10141-05-6	<0.1%
Cobalt Carbonate Δ	513-79-1	<0.1%
Cobalt Diacetate ∆	71-48-7	<0.1%
Chromium Trioxide ∆	1333-82-0	<0.1%
Chromic Acid Δ		<0.1%
Dichromic Acid Δ	7738-94-5	
Oligomers of Chromic Acid and Dichromic	13530-68-2	
Acid Δ		

(e) The Fifth List (7 SVHC Release in Jun, 2011)

Chemical Substance	CAS-No.	RESULTS (% w/w)
		CS 1
Strontium Chromate∆	7789-06-2	<0.1%
2-ethoxyethyl acetate (2-EEA)	111-15-9	<0.1%
1,2-Benzenedicarboxylic acid, di-C ₇₋₁₁ - branched and		<0.1%
linear alkyl esters (DHNUP)	68515-42-4	
Hydrazine	7803-57-8	<0.1%
riyurazirie	302-01-2	
1-methyl-2-pyrrolidone	872-50-4	<0.1%
1,2,3-trichloropropane	96-18-4	<0.1%
1,2-Benzenedicarboxylic acid, di-C ₆₋₈ - branched alkyl		<0.1%
esters, C ₇ -rich (DIHP)	71888-89-6	





RESULTS Page 5 of 11

REPORT: TURR160071369 26 May, 2016

Test Method Result Requirements

(f) The Sixth List (20 SVHC Release in Dec, 2011)

Chemical Substance	CAS-No.	RESULTS (% w/w)
		CS 1
Lead dipicrate∆	6477-64-1	<0.1%
Lead styphnate∆	15245-44-0	<0.1%
Lead azide; Lead diazide∆	13424-46-9	<0.1%
Phenolphthalein	77-09-8	<0.1%
2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	<0.1%
N,N-dimethylacetamide (DMAC)	127-19-5	<0.1%
Trilead diarsenate∆	3687-31-8	<0.1%
Calcium arsenate∆	7778-44-1	<0.1%
Arsenic acid∆	7778-39-4	<0.1%
Bis(2-methoxyethyl) ether	111-96-6	<0.1%
1,2-Dichloroethane	107-06-2	<0.1%
4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert- Octylphenol)	140-66-9	<0.1%
2-Methoxyaniline; o-Anisidine	90-04-0	<0.1%
Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8	<0.1%
Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	<0.1%
Pentazinc chromate octahydroxide∆	49663-84-5	<0.1%
Potassium hydroxyoctaoxodizincate di- chromate∆	11103-86-9	<0.1%
Dichromium tris(chromate)∆	24613-89-6	<0.1%
Aluminosilicate Refractory Ceramic Fibres Δ	(Index No. 650-017-00-8)	<0.1%
Zirconia Aluminosilicate Refractory Ceramic Fibres Δ	(Index No. 650-017-00-8)	<0.1%





RESULTS Page 6 of 11

REPORT : TURR160071369 26 May, 2016

Test Method Result Requirements

(g) The Seventh List (13 SVHC Release in Jun, 2012)

Chemical Substance	CAS-No.	RESULTS (% w/w)
		CS 1
1,2-bis(2-methoxyethoxy)ethane (TEGDME;	112-49-2	<0.1%
triglyme)		
1,2-dimethoxyethane; ethylene glycol dimethyl	110-71-4	<0.1%
ether (EGDME)		
Diboron trioxide∆	1303-86-2	<0.1%
Formamide	75-12-7	<0.1%
Lead(II) bis(methanesulfonate) ∆	17570-76-2	<0.1%
TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-	2451-62-9	<0.1%
2,4,6(1H,3H,5H)-trione)		
β-TGIC (1,3,5-tris[(2S and 2R)-2,3-		<0.1%
epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)- trione)	59653-74-6	
4,4'-bis(dimethylamino)benzophenone	90-94-8	<0.1%
(Michler's ketone)		
N,N,N',N'-tetramethyl-4,4'-methylenedianiline	101-61-1	<0.1%
(Michler's base)		
[4-[4,4'-bis(dimethylamino)		<0.1%
benzhydrylidene]cyclohexa-2,5-dien-1-		
ylidene]dimethylammonium chloride (C.I.		
Basic Violet 3) [with ≥ 0.1% of Michler's ketone	548-62-9	
(EC No. 202-027-5) or Michler's base (EC No.		
202-959-2)]		
[4-[[4-anilino-1-naphthyl][4-		<0.1%
(dimethylamino)phenyl]methylene]cyclohexa-		
2,5-dien-1-ylidene] dimethylammonium		
chloride (C.I. Basic Blue 26) [with ≥ 0.1% of Michler's	2580-56-5	
ketone (EC No. 202-027-5) or Michler's base (EC No. 202-		
959-2)]		
α,α-Bis[4-(dimethylamino)phenyl]-4		<0.1%
(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)		
[with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or	6786-83-0	
Michler's base		
(EC No. 202-959-2)]		
4,4'-bis(dimethylamino)-4"-(methylamino)trityl alcohol [with ≥		<0.1%
0.1% of Michler's ketone (EC		
No. 202-027-5) or Michler's base (EC No. 202-	561-41-1	
959-2)]		

(h) The Eighth List (54 SVHC Release in Dec, 2012)

	RESULTS (% w/w)
	CS 1
1163-19-5	<0.1%
72629-94-8	<0.1%
307-55-1	<0.1%
2058-94-8	<0.1%
376-06-7	<0.1%
123-77-3	<0.1%
	<0.1%
85-42-7	
13140-00-3	
	72629-94-8 307-55-1 2058-94-8 376-06-7 123-77-3





RESULTS Page 7 of 11

REPORT: TURR160071369 26 May, 2016

Test Method	Result	Requirements
[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].	14166-21-3	
Hexahydromethylphthalic anhydride [1],		<0.1%
Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-		
	25550-51-0	
methylphthalic anhydride [3], Hexahydro-3-	19438-60-9	
methylphthalic anhydride [4]		
[The individual isomers [2], [3] and [4] (including their cis-	48122-14-1	
and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	57110-29-9	
4-Nonylphenol, branched and linear		<0.1%
[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	 1	
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated		<0.1%
[covering well-defined substances and UVCB substances, polymers and homologues]		
Methoxyacetic acid	625-45-6	<0.1%
N,N-dimethylformamide	68-12-2	<0.1%
Dibutyltin dichloride (DBTC) Δ	683-18-1	<0.1%
Lead monoxide (Lead oxide) Δ	1317-36-8	<0.1%
Orange lead (Lead tetroxide) Δ	1314-41-6	<0.1%
Lead bis(tetrafluoroborate) Δ	13814-96-5	<0.1%
Trilead bis(carbonate)dihydroxide Δ	1319-46-6	<0.1%
Lead titanium trioxide∆	12060-00-3	<0.1%
Lead titanium zirconium oxide∆	12626-81-2	<0.1%
Silicic acid, lead salt Δ	11120-22-2	<0.1%
Silicic acid (H2Si2O5), 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]	68784-75-8	<0.1%
1-bromopropane (n-propyl bromide)	106-94-5	<0.1%
Methyloxirane (Propylene oxide)	75-56-9	<0.1%
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	<0.1%
Diisopentylphthalate (DIPP)	605-50-5	<0.1%
N-pentyl-isopentylphthalate	776297-69-9	<0.1%
1,2-diethoxyethane	629-14-1	<0.1%
Acetic acid, lead salt, basic∆	51404-69-4	<0.1%
Lead oxide sulfate∆	12036-76-9	<0.1%
[Phthalato(2-)]dioxotrilead∆	69011-06-9	<0.1%





RESULTS Page 8 of 11

REPORT : TURR160071369 26 May, 2016

Test Method	Result	Requirements
Diavakia/ataasata/kiilaada	12578-12-0	<0.1%
Dioxobis(stearato)trilead∆	91031-62-8	<0.1%
Fatty acids, C16-18, lead salts∆	20837-86-9	<0.1%
Lead cynamidate∆	10099-74-8	<0.1%
Lead dinitrate∆		
Pentalead tetraoxide sulphate∆	12065-90-6	<0.1%
Pyrochlore, antimony lead yellow∆	8012-00-8	<0.1%
Sulfurous acid, lead salt, dibasic∆	62229-08-7	<0.1%
Tetraethyllead Δ	78-00-2	<0.1%
Tetralead trioxide sulphate∆	12202-17-4	<0.1%
Trilead dioxide phosphonate∆	12141-20-7	<0.1%
Furan	110-00-9	<0.1%
Diethyl sulphate	64-67-5	<0.1%
Dimethyl sulphate	77-78-1	<0.1%
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3- oxazolidine	143860-04-2	<0.1%
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	<0.1%
4,4'-methylenedi-o-toluidine	838-88-0	<0.1%
4,4'-oxydianiline and its salts	101-80-4	<0.1%
4-aminoazobenzene	60-09-3	<0.1%
4-methyl-m-phenylenediamine (toluene-2,4- diamine)	95-80-7	<0.1%
6-methoxy-m-toluidine (p-cresidine)	120-71-8	<0.1%
Biphenyl-4-ylamine	92-67-1	<0.1%
o-aminoazotoluene [(4-o-tolylazo-o-toluidine])	97-56-3	<0.1%
o-toluidine	95-53-4	<0.1%
N-methylacetamide	79-16-3	<0.1%

(i) The ninth List (6 SVHC Release in Jun, 2013)

Chemical Substance	CAS-No.	RESULTS (% w/w)
		CS 1
Cadmium∆	7440-43-9	<0.1%
Cadmium oxide∆	1306-19-0	<0.1%
Dipentyl phthalate (DPP)	131-18-0	<0.1%
4-Nonylphenol, branched and linear, ethoxylated		<0.1%
[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]		
Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	<0.1%
Pentadecafluorooctanoic acid (PFOA)	335-67-1	<0.1%





RESULTS Page 9 of 11

REPORT : TURR160071369 26 May, 2016

Test Method Result Requirements

(j) The tenth List (7 SVHC Release in Dec. 2013)

Chemical Substance	CAS-No.	RESULTS (% w/w)
		CS 1
Cadmium sulphide∆	1306-23-6	<0.1%
Disodium 3,3'-[[1,1'-biphenyl]-4,4'- diylbis(azo)]bis(4-aminonaphthalene-1- sulphonate) (C.I. Direct Red 28)	573-58-0	<0.1%
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	<0.1%
Dihexyl phthalate	84-75-3	<0.1%
Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7	<0.1%
Lead di(acetate) Δ	301-04-2	<0.1%
Trixvlvl phosphate	25155-23-1	<0.1%

(k) The eleventh List (4 SVHC Release in Jun, 2014)

(K) The eleventh List (4 Syric Release in Sun, 2014)			
Chemical Substance	CAS-No.	RESULTS (% w/w)	
		CS 1	
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	<0.1%	
Cadmium chloride∆	10108-64-2	<0.1%	
Sodium perborate; Perboric acid, sodium salt∆		<0.1%	
Sodium peroxometaborate∆	7632-04-4	<0.1%	





RESULTS Page 10 of 11

REPORT : TURR160071369 26 May, 2016

Test Method Result Requirements

(I) The twelfth List (6 SVHC Release in December, 2014)

	CS 1 <0.1%
	<0.1%
25973-55-1	
	<0.1%
3846-71-7	
	<0.1%
15571-58-1	
7790-79-6	<0.1%
10124-36-4; 31119-53-6	<0.1%
	<0.1%
1	3846-71-7 15571-58-1 7790-79-6

(m) The thirteenth List (2 SVHC Release in June, 2015)

Chemical Substance	CAS-No.	RESULTS (% w/w)
		CS1
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	<%0.1
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]		<%0.1
[covering any of the individual isomers of [1] and [2] or any combination thereof]		

(n) The fourteenth List (5 SVHC Release in December, 2015)

Chemical Substance	CAS-No.	RESULTS (% w/w)
		CS1
1,3-Propanesultone	1120-71-4	<%0.1
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl) phenol (UV-327)	3864-99-1	<%0.1
2-(2H-Benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	<%0.1
Nitrobenzene	98-95-3	<%0.1
Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1 ; 21049-39-8 ; 4149-60-4	<%0.1





RESULTS Page 11 of 11

REPORT: TURR160071369 26 May, 2016

Test Method Result Requirements

SVHC = Substance of very high concern

ND = Not detected (the result is less than the reporting limit)

 Δ = Determination was based on elemental analysis. The content was calculated based on assumption of worstcase.

Reporting limit=0.010% (raw material)

SVHC = Substance of very high concern

ND = Not detected (the result is less than the reporting limit)

Reporting limit = Quantitation limit of analyte in sample

 Δ = Determination was based on elemental analysis. The content was calculated based on assumption of worst-case. As applicant's requirement, materials were screened in composite testing and results were reported in proportion with the whole product weight.

Notes

- 1. Substances of very high concern (SVHC) are classified as:
- a. Carcinogenic, mutagenic or toxic to reproduction category 1 (proven on humans) and category 2 (proven on animals)
- b. Persistent, bioaccumulative and toxic chemicals (PBT)
- c. Very persistent and very bioaccumulative chemicals (vPvB)
- d. Other similar substances such as endocrine disrupters
- 2. If the imported or manufactured volume of each individual SVHC in article is more than 0.1% (w/w) and if it exceeds 1 tonne per year across all product ranges, then importer or manufacturer require notification to the European Chemical Agency (ECHA). For substances included in the Candidate List on or after 1 December 2010, the notifications have to be submitted no later than 6 months after the inclusion. The following information has to be submitted for notification:
- a. Identification of the registrant and the substance
- b. Classification and labelling of the substance
- c. Description of use of the substance and the article
- d. Registration number, if available
- e. Tonnage range
- 3. As per article 31 of regulation (EC) No. 1907/2006 (REACH), suppliers of mixtures not classified as dangerous according to directive 1999/45/EC have to provide the recipients, at their request, with a safety data sheet if the mixtures contain at least one substance on the SVHC candidate list and its individual concentration is 0.1%(w/w) or above for non-gaseous preparations.

END OF TEST REPORT