

TEST REPORT

REPORT NUMBER TURA100007860

APPLICANT NAME Sistem Metal Yapı ve Reklam Malzemeleri San.Tic.A

ADDRESS Merkez mah. Osmanlı Cad. 224. Sok. No: 5 Yakuplu İstanbul.

FAX NO:0212 876 27 50

Attention: Aydın Akgül (aakgul@albond.com.tr

SAMPLE DESCRIPTION :

One sample of TECHNOBOND-1 Black sheet One sample of TECHNOBOND-2 Red sheet Sample 1 Sample 2 : Sample 3: One sample of ARC ALBOND-FR Silver sheet Sample 4: One sample of ARC ALBOND White sheet Sample 5: One sample of SERBOND Blue sheet

DATE IN: 26 January, 2010 (17:17)

12 February, 2010 DATE OUT:

BUYER'S REGION EUROPE

SVHC Testing regarding REACH Regulation (EC) No. 1907/2006 for updated SVHC List of 13th January 2010 REQUEST:

The test results relate only to the items tested. The report shall not be reproduced except in full, without the written approval of the laboratory. The reported uncertainty is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with ISO/IEC 17025 and UKAS accreditation requirements. Unless otherwise is specified, all Pass or Fail results are given without uncertainty considered. When uncertainty is taken into account, the result may be borderline. Borderline results need to be re-tested to determine their disposition up to customer's decision. Opinions and interpretations expressed herein are outside the scope of UKAS

Neslihan Sözer



Intertek Test Hizmetleri A.S. Fatih Cad. Dereboyu Sok. No.: 4 / 2 34303 Halkalı – ISTANBUL / TUR

: +90.212. 471 00 65 Fax: +90.212. 471 11 72 e-mail: labtest.turkey@intertek.com www.intertek-labtest-tur.com





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Code Test Method (Code Requirements)

1. Heavy metals after total digestion in %

Test method: ICP OES DIN EN ISO 11885 (E22)

Plastic and metal: two stage digestion: cont. HNO₃ + H₂O₂, inverse aqua regia solution

Plastic: microwave digestion (HNO₃)
Metal: aqua regia solution: US EPA 3052

Detection Limit: 0.01%

Parameter	CSI	CS II
Lead (Pb)	Not Detected	Not Detected
Cobalt (Co)	Not Detected	Not Detected
Arsenic (As)	Not Detected	Not Detected
Chromium (Cr)	Not Detected	o 0,015% °

Referring to the listed SVHCs the following concentrations results:

Substances	CAS-No.	Calculated concentration of CS I (assuming the worst-case)	Calculated concentration of CS II (assuming the worst-case)
Cobalt dichloride	7646-79-9	<0.1%	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
Diarsenic pentaoxide	1303-28-2	(O.1%) (O.1%)	(< 0.1%)
Diarsenic trioxide	1327-53-3	13 < 0.1% 13 13 13 13 13 13 13 13 13 13 13 13 13	(° ,) (0.1% , 0° , 3
Lead hydrogen arsenate	7784-40-9	0.1% Green Trick	() () () () () () () () () ()
Triethyl arsenate	15606-95-8	10 × 0.1%	10 1 < 0.1% 1 (CO)
Lead chromate	7758-97-6	<0.1%	150° <0.1%
C.I. Pigment Red 104	12656-85-8	<0.1%	(C) 1% (O.1%)
C.I. Pigment Yellow 34	1344-37-2	(0.1% And A	<0.1% \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\

Calculated for the whole product the detected amount in % is:

Į	76,5	dige	900	1050	\$ Q	4	10/20	(43 ⁷⁷)-	- "02/2	CATTER!	Contract of the second	× 2/4-	~=2/2 ¹ 2	300g	v.o

2. Chromium VI in %

Test method: Plastic and composite material: alkaline extraction according to IEC 62321:2008

Textile: Extraction with acid sweat solution according to BS EN ISO 105-E04:1996, detection by ICP OES

Leather: BS EN ISO 17075:2007 with UV-VIS Detection

Metal: boiling water extraction according to IEC 62321:2008

Detection Limit: 0.001%

CSA ST ST	Not Detected
ČŠ II Š	Not Detected

By this test the presence resp. a concentration greater than 0.1% of sodium dichromate (CAS No. 7789-12-0) can be excluded.





RESULTS

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Code Test Method (Charles Agents and Result (Charles Agents and Charles and Ch

3. Organic substances, in %

Test method: Extraction with organic solvent, measurement GC-MS

Detection Limit: 0.02%; Anthracene: 0.0002%

Substance	CAS-No.	CSI
Anthracene Cott and Cott Anthracene	120-12-7	Not Detected
4,4'- Diaminodiphenylmethane	101-77-9	Not Detected
Dibutylphthalate (DBP)	84-74-2	Not Detected
5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	Not Detected
Bis(2-ethylhexyl)phthalate (DEHP)	117-81-7	Not Detected
Hexabromocyclododecane (HBCDD)	25637-99-4	Not Detected
Short chain chloroparaffins C ₁₀ -C ₁₃	85535-84-8	Not Detected
Tributy tin oxide	56-35-9	Not Detected
Benzylbutylphthalate (BBP)	85-68-7	Not Detected
2,4-Dinitrotoluene	121-14-2	Not Detected
Diisobutylphthalate	84-69-5	Not Detected
Tris(2-chloroethyl)phosphate	115-96-8	Not Detected

		1 2000 2000
The state of the s	90640-80-5	TOTAL TOTAL MEN
Anthracene oils and anthracene pastes	91995-17-4	Salay Light Light
(Analytically determined via the concentration of	91995-15-2	Not Detected
anthracene) with soft and the soft soft soft soft soft soft soft soft	90640-82-7	
a september and entitle and called the september of the s	90640-81-6	Elitore at Goly adyer
Coaltar are sailed to the contract and the contract are sailed to the contr	B. Pages 100	100 CO 100
(Analytically determined via the concentration of	65996-93-2	Not Detected
the sum of the 12 polycyclic aromatic	00990-93-2	Not Detected
hydrocarbons) (1997) (1997) (1997) (1997)	ANTITY TATER	SE COLET MEET

Calculated for the whole product the detected amount in % is:

	27	7 1/2	- 70%	3774.	_2504	- L 130	100	- 56 7	. 6.5		16, 141,		"
4	7	14797	2012	YO.	3005	× 6, 42	33	15.00°	1830	64 ² 22	30335	1375	X8. 7

4. Ceramic fibers

).	substances	CAS-No.	CSI	CS II
	Aluminosilicate	-76 - TO	Not Detected	Not Detected
2	Zirconia aluminosilicate	10 30 10 10 10 10 10 10 10 10 10 10 10 10 10	Not Detected	Not Detected

END OF TEST REPORT

