Test Report

No.T51710293276TC Date: JAN 05, 2018 Page 1 of 4

DONGGUAN HAICHENG PRODUCTION LIMITED
LIYUSHAN,LUWU,ZENGBU VILLAGE,
CHASHAN TOWN,DONGGUAN CITY

The following samples were submitted and identified by/on behalf of the client as:

MCL/FR22/KS85W

SGS Ref. No.	:	CP17-070615-2.1
Other Information	:	MCL/FR22/KS85W
Supplier	:	SHEN ZHEN CHEERMO ADHESIVE PRODUCTS CO.,LTD
Sample Receiving Date	:	DEC 29, 2017
Testing Period	:	DEC 29, 2017 TO JAN 04, 2018

Test Requested		Conclusion
1.	RMS 0006-2901 (Rev. 2.00, 2017-11-06) – Raw Surface Coating Materials – heavy elements content (Selected test items as specified by the applicant, please refer to test result page(s) for details)	PASS

******** FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) ********

Signed for and on behalf of
SGS-CSTC Standards Technical
Services Co., Ltd. Shenzhen Branch Testing Center

Feng Shaohong, Jessica
Lab Manager

SGS-CSTC Standards Technical Services Co.,Ltd. Shenzhen Branch Testing Center Hardlines

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Results:

1. RMS 0006-2901 (Rev. 2.00, 2017-11-06) – Raw Surface Coating Materials

Method: With reference to RMS 0006-2901 (Rev. 2.00, 2017-11-06)
Analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES) / Direct Mercury Analyzer (DMA)

Test Item(s)		Total Result(s) (ppm)	MDL (ppm)	Total Limit (ppm)
		1		
Total Aluminium	(Al)	>70000	14000	70000
Total Antimony	(Sb)	ND	10	60
Total Arsenic	(As)	ND	10	25
Total Barium	(Ba)	28	10	500
Total Boron	(B)	ND	3000	15000
Total Cadmium	(Cd)	ND	5	56/17**
Total Chromium	(Cr)	23	5	60
Total Cobalt	(Co)	ND	30	130
Total Copper	(Cu)	ND	1500	7700
Total Lead	(Pb)	12	10	20
Total Manganese	(Mn)	ND	3000	15000
Total Mercury	(Hg)	ND	1	10
Total Nickel	(Ni)	ND	100	7500
Total Selenium	(Se)	ND	10	460
Total Strontium	(Sr)	ND	10000	56000
Total Tin	(Sn)	ND	12	12
Soluble Organic Tin	--	—	—	--
Total Zinc	(Zn)	ND	9000	46000

Specimen Description:

1. White coating on paper label (Sticker)

Remark 1: ** If total Cadmium content is higher than 17ppm but less than 56ppm, soluble method 1 testing is required. In addition, if the total Cadmium content is higher than 56ppm, soluble method 1 testing is not required, the material is failed total Cadmium limit.

Remark 2: No migration of elements test is conducted in case of the total content results do not exceed relevant total limits.

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Test Item(s)		Soluble Method 1 Result(s) (ppm)	MDL (ppm)	Soluble Limit (ppm)
		1		
Soluble Aluminium	(Al)	800	50	49000
Soluble Antimony	(Sb)	ND	5	25
Soluble Arsenic	(As)	ND	2.5	15
Soluble Barium	(Ba)	ND	10	350
Soluble Boron	(B)	ND	50	11250
Soluble Cadmium	(Cd)	ND	5	12
Soluble Chromium	(Cr)	ND	5	45
Soluble Cobalt	(Co)	ND	10	84
Soluble Copper	(Cu)	ND	50	5775
Soluble Lead	(Pb)	ND	5	--
Soluble Manganese	(Mn)	ND	50	11250
Soluble Mercury	(Hg)	ND	5	--
Soluble Nickel	(Ni)	ND	10	697
Soluble Selenium	(Se)	ND	10	345
Soluble Strontium	(Sr)	ND	50	42000
Soluble Tin	(Sn)	ND	2.5	2.5#
Soluble Organic Tin	--	—	—	9
Soluble Zinc	(Zn)	1897	50	34500

Specimen Description:

1. White coating on paper label (Sticker)

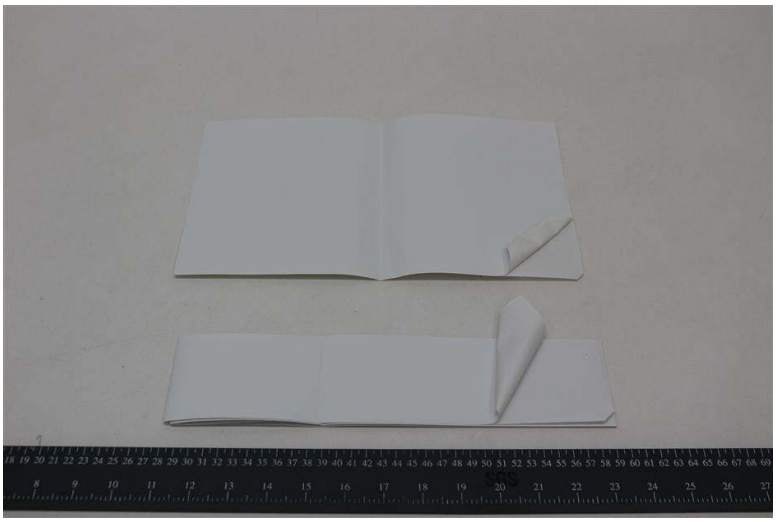
Remark : # Refer to § 3.4.1.1.5 in QSOP 0006-3600, Heavy Elements for the screening process of Organic Tin. If soluble tin is > 2.5ppm, further testing (GC-MS) is required to confirm organic tin content. If soluble tin is ≤ 2.5ppm, further testing is not required.

Note:
- ppm = parts per million
- MDL = Method Detection Limit
- ND = Not Detected (lower than MDL)
- > = greater than
- Soluble Cr, Hg, As, Ba, Sb in method 1 results shown are of the adjusted analytical results, the analytical correction factors for Cr is 30%, Hg is 36.2%, As is 46.8%, Ba is 30%, Sb is 60%
- — = Soluble organic tin have not been conducted according to client's request. In case soluble tin results exceed 2.5 ppm, soluble organic tin should be conducted as per RMS 0006-2901 (Rev. 2.00, 2017-11-06) clause 3.

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Sample Photo:



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*** End of Report ***

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