



TEST REPORT

No.:SST18001733

Date :2020-03-30

Page 1 of 7

Applicant: DONG GUAN JINQIAN HARDWARE CO, LTD

Address: HUMEN WILDER JINXING DOWNSTAIRS

Report on the submitted sample said to be:

Material description: Flocking adhesive

Style/ Model No.:	M301	P/O No./ Lot No. :	DT20200308708
Order No.:	6062502492	Material :	N/A
Color:	N/A	Test Request Age :	N/A
Manufactory :	Meng Te Li CO.	Buyer :	Fong Li Hua
Country of Origin :	Dongguan Humen	Country of Export :	CHINA

Sample received date : March 28,2020

Sample test period : From March 28,2020 to March 30,2020

SUMMARY OF TEST RESULT(S)

Test Item(s)	Conclusion	Remark
Formaldehyde Content	PASS	--
Heavy Metals and Flame Retardants Content – European Council Directive 2011/65/EU and Change-Directive (EU) 2015/863 on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS)	PASS	--

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

Signatories:



John Yue
Lab Manager



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TEST REPORT

No.:SST18001733

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Page 2 of 7

Result:

Formaldehyde Content

Test Method: ISO 17226-1:2008 ,Analysis was performed by Liquid Chromatography Diode Array Detector(LC-DAD).

Client's limit	150mg/kg
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Specimen No.	Result[mg/kg]	Conclusion
001	ND	PASS

Note:

ND = Not detected(<DL)
mg/kg = milligram(s) per kilogram
Detection Limit (mg/kg) : 16

Specimen Description:

001: White liquid



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TEST REPORT

No.:SST18001733

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Page 3 of 7

Results:

Heavy Metals and Flame Retardants Content– European Council Directive 2011/65/EU and Change-Directive (EU) 2015/863 on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS)

Test Method: See Appendix.

Test Item(s)	Unit	Limit	Result(s)
			001
Lead (Pb)	mg/kg	1000	ND
Cadmium (Cd)	mg/kg	100	ND
Mercury (Hg)	mg/kg	1000	ND
Chromium VI (Cr VI)	mg/kg	1000	ND
PBBs	mg/kg	1000	ND
MonoBB	mg/kg	-	ND
DiBB	mg/kg	-	ND
TriBB	mg/kg	-	ND
TetraBB	mg/kg	-	ND
PentaBB	mg/kg	-	ND
HexaBB	mg/kg	-	ND
HeptaBB	mg/kg	-	ND
OctaBB	mg/kg	-	ND
NonaBB	mg/kg	-	ND
DecaBB	mg/kg	-	ND
PBDEs	mg/kg	1000	ND
MonoBDE	mg/kg	-	ND
DiBDE	mg/kg	-	ND
TriBDE	mg/kg	-	ND
TetraBDE	mg/kg	-	ND
PentaBDE	mg/kg	-	ND
HexaBDE	mg/kg	-	ND
HeptaBDE	mg/kg	-	ND
OctaBDE	mg/kg	-	ND
NonaBDE	mg/kg	-	ND
DecaBDE	mg/kg	-	ND

Specimen Description:

001: White liquid



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No.:SST18001733

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Page 4 of 7

Note / key:

ND = Not detected	">" = Greater than	Req. = Requirement
NR = Not requested	mg/kg = milligram(s) per kilogram = ppm = part(s) per million	
NA = Not Applicable	10000 mg/kg = 1 %	% = percent
Detection Limit()		
Each (Pb, Cd, Hg) 5mg/kg ; Cr VI: 0.1 μ g/cm ² (metal); Cr VI :5mg/kg(non-metal);		
Each PBBs 50 mg/kg; Each PBDEs 50 mg/kg;		

Remark:

- The list of analytes is summarized in table of Appendix.
- * Result(s) of Cr VI for metallic material(s) was (were) expressed in term of positive and negative.
- The sample is negative for Cr VI if Cr VI is ND(concentration less than 0.10 μ g/cm²).
The coating is considered a non- Cr VI based coating.
- The sample is positive for Cr VI if the Cr VI concentration is greater than 0.13 μ g/cm².
The sample coating is considered to contain Cr VI.
- The result between 0.10 μ g/cm² and 0.13 μ g/cm² is considered to be inconclusive-unavoidable coating variations may influence the determination
- Information on storage conditions and production date of the tested sample is unavailable and thus Cr VI results represent status of the sample at the time of testing.
- According to European Council Directive 2011/65/EU, Article 5 "Adaptation of the Annexes to scientific and technical progress", exemption(s) should be granted to the materials and components of Test Item(s) in the lists in Annexes III and IV of this directive.
- The results of Item 001 were calculated on dry weight basis.



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No.:SST18001733

Date.:2020-03-30

Page 5 of 7

APPENDIX:

List of Analytes and their Corresponding Test Methods [European Council Directive 2011/65/EU] :		
No.	Name of Analytes	Test Method(s)
1	Lead (Pb)	With reference to International Standard IEC 62321-5: 2013.
2	Cadmium (Cd)	
3	Mercury (Hg)	With reference to International Standard IEC 62321-4: 2013.
4	Chromium VI (Cr VI)	Metal : With reference to European Standard IEC 62321-7-1: 2015[a]. Polymers and Electronics : With reference to European Standard IEC 62321-7-2: 2017. Leather : International Standard ISO 17075-1: 2017
5	Polybromobiphenyls (PBBs) - Bromobiphenyl (MonoBB) - Dibromobiphenyl (DiBB) - Tribromobiphenyl (TriBB) - Tetrabromobiphenyl (TetraBB) - Pentabromobiphenyl (PentaBB) - Hexabromobiphenyl (HexaBB) - Heptabromobiphenyl (HeptaBB) - Octabromobiphenyl (OctaBB) - Nonabromobiphenyl (NonaBB) - Decabromobiphenyl (DecaBB) Polybromodiphenyl ethers (PBDEs) - Bromodiphenyl ether (MonoBDE) - Dibromodiphenyl ether (DiBDE) - Tribromodiphenyl ether (TriBDE) - Tetrabromodiphenyl ether (TetraBDE) - Pentabromodiphenyl ether (PentaBDE) - Hexabromodiphenyl ether (HexaBDE) - Heptabromodiphenyl ether (HeptaBDE) - Octabromodiphenyl ether (OctaBDE) - Nonabromodiphenyl ether (NonaBDE) - Decabromodiphenyl ether (DecaBDE)	With reference to IEC 62321-6: 2015.
[a]	The principle of this method was evaluated and supported by two studies organized by IEC TC 111 WG3. These studies were focused on detecting the presence of Cr VI in the corrosion protection coatings on metallic samples.	



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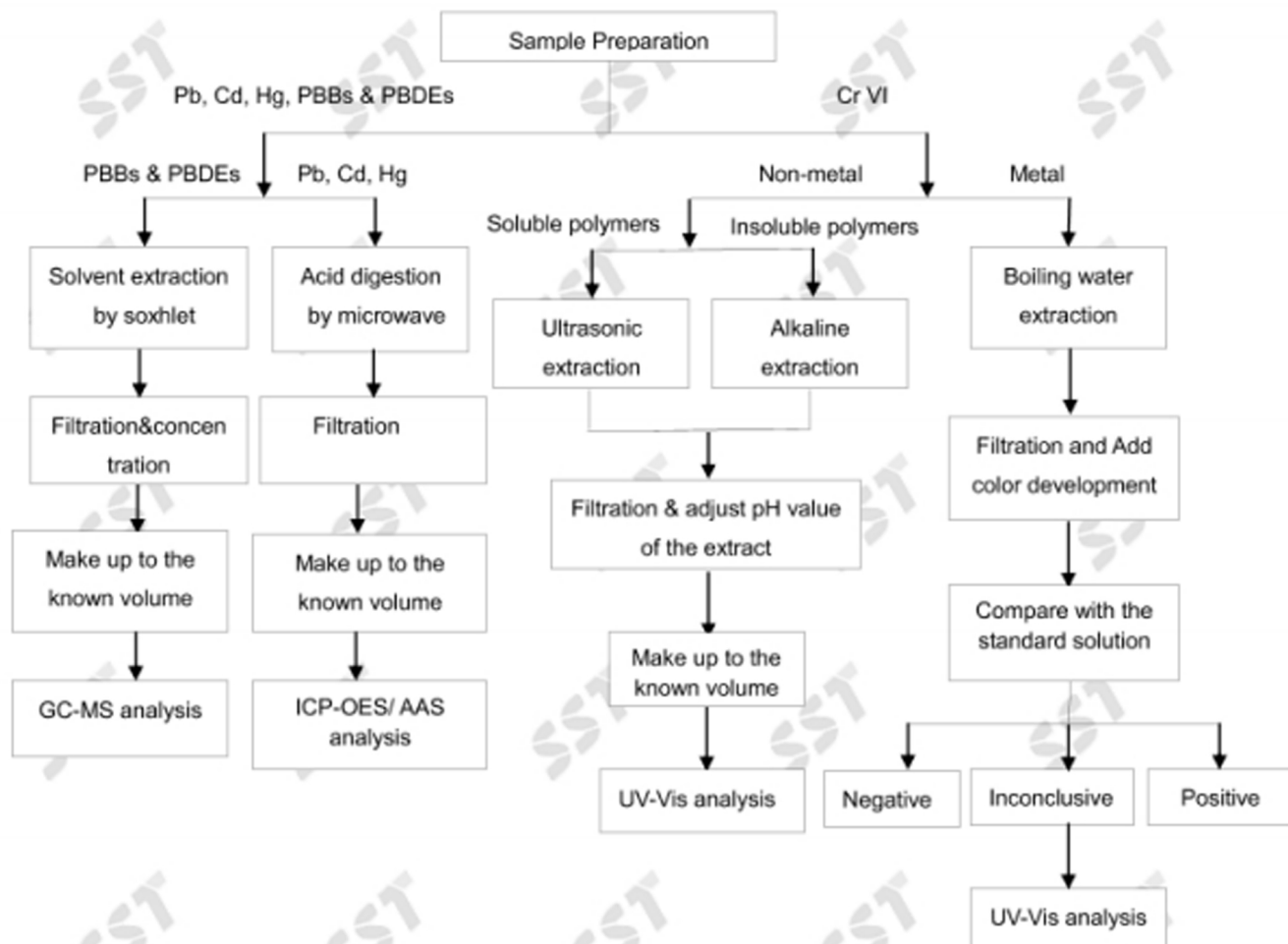
TEST REPORT

No.:SST18001733

Date.:2020-03-30

Page 6 of 7

Pb,Cd,Hg, Cr VI ,PBBs&PBDEs test flow chart



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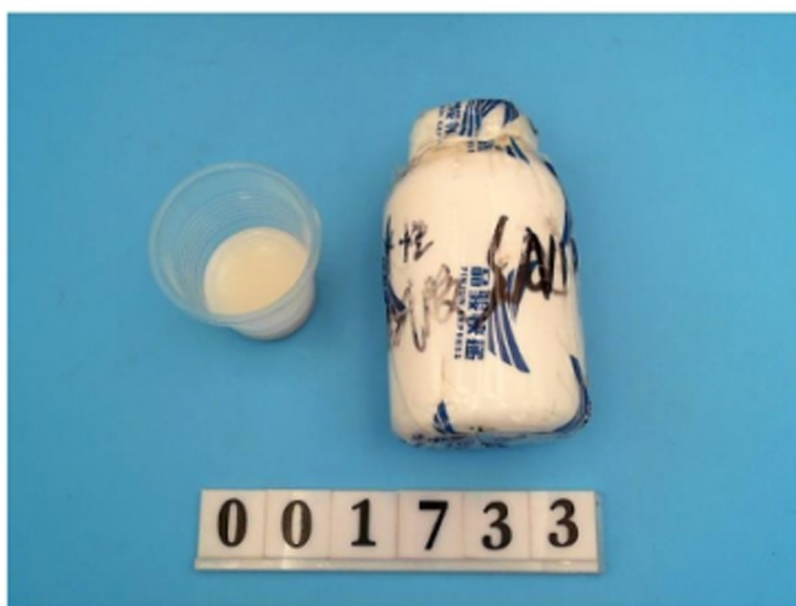
TEST REPORT

No.:SST18001733

Date.:2020-03-30

Page 7 of 7

Photograph of Sample



*** End of Report ***

The test report is considered invalidated without both signature and specialized stamp, The result(s) shown in this test report refer only to the sample(s) tested. Without written approval of SST, this test report shall not be copied except in full .Detailed description are available at the website <http://www.sst-test.com>.



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