



R2R Diversified Sdn. Bhd. (502999-V)

Date: 28TH May 2018

**Declaration of Compliance With EU RoHS Directive 2011/65/EU and
2015/863/EU – RoHS 3**

Product Family: **R2R SMT Cleaning Wiper Roll**

This is to certify that all materials and/or components used in the manufacture of the SMT Cleaning Wiper Rolls produced by us are in compliance with the European Union's Restriction of Use of Hazardous Substances (**RoHS**) Directive 2015/863. This statement is based on information and testing done by SGS the world's leading inspection, verification, testing and certification company and is accurate to the best of our knowledge.

Our materials and/or components were tested for RoHS compliance with regards to the followings substances and found to be within compliance levels.

Substance

- Lead (Pb)
- Cadmium (Cd)
- Mercury (Hg)
- Hexavalent Chromium (Cr6+)
- Poly Brominated Biphenyls (PBB)
- Poly Brominated Diphenyl Ethers (PBDE)

(**RoHS**) compliant is conforming to the EU Directives 2002/95/EC that went into effect in July 2006 and amended from EU Directives 2011/65/EU.

SivaPrakash

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Siva Prakash
Quality Systems and Reliability Officer

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Test Report

No. CRSSA/04717/18
CRS Ref. CRSSA/18/0971/R2R

Date : 19/04/2018

Test result:

Test Part Description :

Sample Description : Cleaning Wiper

RoHS Directive 2011/65/EU Annex II (amended by Directive (EU) 2015/863)

Test Item(s):	Unit	Test Method	Results	MDL	Limit
Bis (2-ethylhexyl) phthalate (DEHP) (CAS No. 117-81-7)	mg/kg	With reference to IEC 62321-8:2017. Analysis was performed by GC/MS.	N.D.	50	1000
Butyl benzyl phthalate (BBP) (CAS No. 85-68-7)	mg/kg	With reference to IEC 62321-8:2017. Analysis was performed by GC/MS.	N.D.	50	1000
Dibutyl phthalate (DBP) (CAS No. 84-74-2)	mg/kg	With reference to IEC 62321-8:2017. Analysis was performed by GC/MS.	N.D.	50	1000
Diisobutyl phthalate (DIBP) (CAS No. 84-69-5)	mg/kg	With reference to IEC 62321-8:2017. Analysis was performed by GC/MS.	N.D.	50	1000

Note : (a) mg/kg = ppm ; (0.1wt% = 1000ppm)

(b) N.D. = Not Detected

(c) MDL = Method Detection Limit

(d) - = Not regulated

(e) On 4 June 2015, [Commission Directive \(EU\) 2015/863](#) was published in the Official Journal of the European Union (OJEU) to include the phthalates BBP, DBP, DEHP and DIBP into ANNEX II of the Rohs Recast Directive. The new law restricts each phthalate to no more than 0.1% in each homogeneous material of an electrical product.

(f) The restriction of DEHP, BBP, DBP and DIBP shall apply to medical devices, including in vitro medical devices, and monitoring and control instruments, including industrial monitoring and control instruments, from 22 July 2021.

(g) The restriction of DEHP, BBP, DBP and DIBP shall not apply to cables or spare parts for the repair, the reuse, the updating of functionalities or upgrading of capacity of EEE placed on the market before 22 July 2019, and of medical devices, including in vitro medical devices, and monitoring and control instruments, including industrial monitoring and control instruments, placed on the market before 22 July 2021.

(h) The restriction of DEHP, BBP and DBP shall not apply to toys which are already subject to the restriction of DEHP, BBP and DBP through entry 51 of Annex XVII to Regulation (EC) No 1907/2006.

SGS (MALAYSIA) SDN. BHD.



CHEE TUCK CHOON
B.Sc. MMIC
SECTION HEAD

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