

TEST REPORT

CLIENT NAME : SIKA (SINGAPORE) PTE LTD
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SINGAPORE 729368

ATTENTION TO : MR. JAMALUDIN ISMAIL

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ACCOUNT CHARGEABLE TO : SIKA (SINGAPORE) PTE LTD

PROJECT CODE : F0197
PROJECT TITLE : GREEN LABEL TESTING

SUBJECT & TEST STANDARD : GREEN LABEL TESTING CAT. 032

1. FORMALDEHYDE	:	ISO 11890-2:2013
2. HALOGENATED COMPOUNDS	:	ISO 11890-2:2013
3. AROMATIC COMPOUNDS	:	ISO 11890-2:2013
4. HEAVY METALS: MERCURY, LEAD,CADMIUM & CHROMIUM	:	US EPA SW-846 METHOD 3052:1996
5. N-METHYL PYRROLINONE (NMP)	:	ISO 11890-2:2013
6. FLASH POINT	:	ASTM D3828
7. VOLATILE ORGANIC COMPOUNDS (VOC)	:	ISO 11890-2:2013
8. ALKYL PHENOL ETHOXYLATE	:	ISO 11890-2:2013
9. EPICHLOROHYDRIN	:	ISO 11890-2:2013

SAMPLE TYPE : 2 PART EPOXY COATING

SAMPLE REFERENCE : 1. SIKA 161 HC
2. SIKA 263 SL
3. SIKA 264 HC

JOB REF. : ADM/15/7979

DATE RECEIVED : 21-Sep-2015
DATE OF REPORT : 08-Oct-2015

TOTAL PAGES : 4 (including cover page)

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SAMPLE REFERENCE: Sika 161 HC

TEST RESULT:

Parameter	Result	Unit	Reporting Limit	Specification ⁽¹⁾	Comments
Formaldehyde	ND	%	0.5	ND ⁽²⁾	Pass
Halogenated Compounds	ND	%	0.5	ND	Pass
Aromatic Compounds	ND	%	0.5	ND	Pass
Mercury	ND	%	0.1	ND	Pass
Lead	ND	%	0.1	ND	Pass
Cadmium	ND	%	0.1	ND	Pass
Chromium	ND	%	0.1	ND	Pass
N-methyl pyrrolinone (NMP)	ND	%	0.5	ND	Pass
Flash Point	≥ 61°C	°C	-	≥ 61°C	Pass
Volatile Organic Compounds (VOC)	0.09	g/L	1 mg/L	≤ 200g/L ⁽³⁾	Pass
Alkyl Phenol Ethoxylate	ND	%	0.5	ND	Pass
Epichlorohydrin	ND	%	0.5	ND	Pass

Remarks:

- Under Singapore Green Labelling Scheme (SGLS) Certification Guide, Category 032.
- ND refers to Not Detected.
- Requirement for VOC, solvents & paints, Category 32, under VOC for solvent paints and stains only.
- Density of Sikafloor 161 HC Comp A is approx. 1.1kg/L as provided by customer.
 Density of Sikafloor 161 HC Comp B is approx. 1kg/L as provided by customer.

PREPARED BY:



BOON WEIJIE
 Chemist

APPROVED BY:



SHERLY WIJAYA
 Senior Lab Manager

SAMPLE REFERENCE: Sika 263 SL

TEST RESULT:

Parameter	Result	Unit	Reporting Limit	Specification ⁽¹⁾	Comments
Formaldehyde	ND	%	0.5	ND ⁽²⁾	Pass
Halogenated Compounds	ND	%	0.5	ND	Pass
Aromatic Compounds	ND	%	0.5	ND	Pass
Mercury	ND	%	0.1	ND	Pass
Lead	ND	%	0.1	ND	Pass
Cadmium	ND	%	0.1	ND	Pass
Chromium	ND	%	0.1	ND	Pass
N-methyl pyrrolinone (NMP)	ND	%	0.5	ND	Pass
Flash Point	≥ 61°C	°C	-	≥ 61°C	Pass
Volatile Organic Compounds (VOC)	0.16	g/L	1 mg/L	≤ 200g/L ⁽³⁾	Pass
Alkyl Phenol Ethoxylate	ND	%	0.5	ND	Pass
Epichlorohydrin	ND	%	0.5	ND	Pass

Remarks:

- Under Singapore Green Labelling Scheme (SGLS) Certification Guide, Category 032.
- ND refers to Not Detected.
- Requirement for VOC, solvents & paints, Category 32, under VOC for solvent paints and stains only.
- Density of Sikafloor 263 SL Comp A is approx. 1.6kg/L as provided by customer.
 Density of Sikafloor 263 SL Comp B is approx. 1kg/L as provided by customer.

PREPARED BY:



BOON WEIJIE
 Chemist

APPROVED BY:



SHERLY WIJAYA
 Senior Lab Manager

SAMPLE REFERENCE: Sika 264 HC

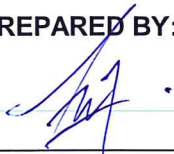
TEST RESULT:

Parameter	Result	Unit	Reporting Limit	Specification ⁽¹⁾	Comments
Formaldehyde	ND	%	0.5	ND ⁽²⁾	Pass
Halogenated Compounds	ND	%	0.5	ND	Pass
Aromatic Compounds	ND	%	0.5	ND	Pass
Mercury	ND	%	0.1	ND	Pass
Lead	ND	%	0.1	ND	Pass
Cadmium	ND	%	0.1	ND	Pass
Chromium	ND	%	0.1	ND	Pass
N-methyl pyrrolinone (NMP)	ND	%	0.5	ND	Pass
Flash Point	≥ 61°C	°C	-	≥ 61°C	Pass
Volatile Organic Compounds (VOC)	0.12	g/L	1 mg/L	≤ 200g/L ⁽³⁾	Pass
Alkyl Phenol Ethoxylate	ND	%	0.5	ND	Pass
Epichlorohydrin	ND	%	0.5	ND	Pass

Remarks:

- Under Singapore Green Labelling Scheme (SGLS) Certification Guide, Category 032.
- ND refers to Not Detected.
- Requirement for VOC, solvents & paints, Category 32, under VOC for solvent paints and stains only.
- Density of Sikafloor 264 HC Comp A is approx. 1.1kg/L as provided by customer.
 Density of Sikafloor 264 HC Comp B is approx. 1kg/L as provided by customer.

PREPARED BY:



BOON WEIJIE
 Chemist

APPROVED BY:



SHERLY WIJAYA
 Senior Lab Manager