

Hsin Ting Tai Anti-slip Tech. Digest catalog

Advantages of Anti-slip agent



Easy to use

No TVOC or other dygenic materials

Eco-friendly

Harmless to human body

Healthy green building material

Confirmed to International standards

(ISO:9001, A.S.T.M, CNS standard, etc...)

Test reports 2017









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Flash Point Test Report



TVOC and Formaldehyde Test Report

Toxicity Characteristic Leaching Procedure Report



Advantages of Anti-slip paint

Apply to various materials:



(Trademark paint on glass)



(HSR Nan-gang station, steel and cement) (Carrefour, cement)





(W Hotel 10F, wood floor)



(Hotel everrich- golden lake, marble top)



Easy to use and maintain (with our detergent is more better)

Quickdrying

Eco-friendly and Harmless

Suitable for most places and materials (inclouding wet floor)





Confirmed to International standards

Advantages of Color coating anti-slip drainage lid





Beautiful and strong (also could be customized)





Widely used















To prevent tiny things stunk in the hole

Acid and alkali proof Double rustproof coating Facility for the disabled

Confirmed to International standards



Chemical Laboratory - Kao., SGS Taiwan Ltd.

TEST REPORT

Hsin Ting Tai Slip Prevention Co., Ltd

NO.378, JI-AN RD. SEC.2, JI-AN, HUALIEN973, TAIWAN

REPORT NO.KP/2017/40069A-01

DATE: 2017/04/17 PAGE: 1 OF 3

THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED AND IDENTIFIED BY/ON BEHALF OF THE CLIENT AS:

SAMPLE DESCRIPTION

: Solomon Anti-slip Agent.

SAMPLE RECEIVED

: 2017/04/07.

TESTING PERIOD

: 2017/04/07 TO 2017/04/17.

SAMPLE SUBMITTED BY

: Hsin Ting Tai Slip Prevention Co., Ltd. ______

--- PLEASE SEE THE NEXT PAGE FOR TEST RESULT(S) ---

Joey Chung / Supervisor Signed for and on behalf of SGS Taiwan Limited

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Chemical Laboratory - Kao., SGS Taiwan Ltd.

TEST REPORT

REPORT NO.KP/2017/40069A-01

DATE: 2017/04/17 PAGE: 2 OF 3

TEST RESULT(S):

TEST ITEM(S)	UNIT	METHOD	RESULT
Flash Point	°C	ASTM D92	>89*

NOTE 1: "*"The ignition system was extinguished at 89°C and no flash point under 89°C.

NOTE 2: THIS IS THE ADDITIONAL TEST REPORT OF KP/2017/40069 WHICH WAS ISSUED ON 2017/04/17. PLEASE REFER TO KP/2017/40069 FOR ORIGINAL INFORMATION.

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Test Report

超微量工業安全實驗室 Ultra Trace Industrial Safety Hygiene

REPORT NO:

UO/2017/40085A-01

Date: 2017/04/26

Page: 1 of 2

HSIN TING TAI SLIP PREVENTION CO., LTD

The following sample(s) was/were submitted and identified by/on behalf of applicant as:

Sample Name:

Solomon anti-slip agent (HSIN-001)

Applicant:

HSIN TING TAI SLIP PREVENTION CO., LTD

Date of Sample Received:

2017/04/12

Date of Testing:

2017/04/12 to 2017/04/26

Amount of usage:

Smear three times 300g/m²

Test Results:

				Results			
Test Item	CAS NO.	Test Method	0-1 hour	46~48 hours	LOQ/LOD	Unit	
TVOC	2000	According to ASTM D5116 and Architecture and Building Research Institute, Ministry of The Interior "Test method and the procedure research of the room building materials emission volatile organic compounds", MOIS901014	0.220	N.D.	0.0050	mg/m ² . hr	

		Test F	Results			
Test Item	CAS NO.	Test Method	0-2 hour	44~48 hours	LOQ/LOD	Unit
Formaldehyde	000050-00-0	According to ISO 16000-3 & ISO 16000-9 method 。	0.0104	N.D.	0.0050	mg/m² . h

NOTE:

1. The content of this report is invalid if it is not presented as the entire report.

2.If the testing item belongs to quantitative analysis then this column describes Limit of Quantification(LOQ); If the testing item belongs to qualitative analysis then this column describes Limit of Detection(LOD).

3. The testing result will be "N.D." or "Negative" for the value less than LOQ/LOD, respectively.

Signed for and on behalf SGS Taiwan Ltd.

- END -

Shin-Jyh Chen

Manager

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TEST Report

Report No.: AR/2017/4012002

Page: 1 OF Date: 2017/05/04

Contact person: Yuan-Ting Syu

The following merchandise was submitted & identified by the client as:

Subcontract Group:

HSIN TING TAI SLIP PREVENTION CO.,LTD

Type of Product:

Solonmon anti-slip agent(HSIN-001)

Sample No.:

AR4012001

Sampling Group:

The Commission department give the sample over by himself

Time of Sampling:

2017/04/07

Time of Sample received: 2017/04/13 17:10

Test Results:

Test Requested	Test Results (Unit)	Test Methods	Green Building Materials Criterion Value
Toxicity Characteristic Leaching Procedure	===	NIEA R201.14C	
Silver in Waste Extracts	ND<0.016 (mg/L)	NIEA R306.13C/M104.02C	0.05 (mg/L)
Arsenic in Waste Extracts	ND<0.038 (mg/L)	NIEA R306.13C/M104.02C	0.3 (mg/L)
Cadmium in Waste Extracts	ND<0.016 (mg/L)	NIEA R306.13C/M104.02C	0.3 (mg/L)
Hexavalent Chromium in Waste Extracts (Remark5.)	<0.02 (mg/L)	NIEA R309.12C	1.5 (mg/L)
Copper in Waste Extracts	ND<0.017 (mg/L)	NIEA R306.13C/M104.02C	0.15 (mg/L)
Mercury in Waste Extracts	ND<0.0004 (mg/L)	NIEA R314.12C	0.005 (mg/L)
Lead in Waste Extracts	ND<0.021 (mg/L)	NIEA R306.13C/M104.02C	0.3 (mg/L)

- Remark: 1. Sample Submitted By HSIN TING TAI SLIP PREVENTION CO.,LTD.
 - 2. The results shown in this test report refer only to the sample(s) tested unless otherwise stated.
 - 3. If there are any discrepancies, the Chinese version shall prevail.
 - 4. If the test results are lower than MDL, the MDL value will be shown as "ND < (MDL value)". If the results are lower than QL and higher than MDL, the measured value will be shown as "< QL (measured value)". MDL signifies method detection limit and QL, quantitation limit.
 - 5.Because there was matrix interference of Cr6+ analysis, the data result of hexavalent chromium is shown as the result of chromium.
 - 6. Time of sampling is provided by the subcontract group.

Pannu Liu / Manager

SIGNED FOR AND ON BEHALF OF SGS TAIWAN LTD.

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Radioactivity Test Report

Serial No: E2017S055

Radioactivity Measurement Laboratory, Nuclear Science and Technology Development

Center, National Tsing Hua University

Address: 101, Section 2, Kuang Fu Road, Hsinchu, Taiwan

Tel:

886-3-5715131 Ext.35482

Fax:

886-3-5722660

Appliant: HSIN TING TAI SLIP PREVENTION CO., LTD

Address: No.378, Ji-an Rd.Sec.2, Ji-an, Hualien973,

Taiwan

Tel:

03-8523231

Fax:

03-8521271

Contact: LAI WEI-RONG



Testing Laboratory

0739

(2017.04.14)

1.Sample submitted: HSIN TING TAI SLIP PREVENTION CO., LTD.

(HB-17-02120)/2017/04/10

2. Sample description: Building Materials

3.Sample preparation: Sealed in an acrylic container (5.5D × 6H)

4. Measurement Instrument: Germanium-based gamma-ray spectrometer

5. Measurement duration : \sim 10,000sec.

6.Results: Radioactivities of naturally radionuclides 40K, 232Th and 238U are listed

below.

	Rad	AI		
Sample	$^{40}\mathrm{K}$	²³² Th	238U	
Solomon anti-slip agent (HSIN-01)	< 100	< 10	< 10	< 0.09

1. ²³²Th was determined in terms of ²²⁸Ac; ²³⁸U(²²⁶Ra) was determined in terms of ²¹⁴Bi.

2. Activity Index(AI) = 40 K/4810 + 232 Th/259 + 238 U/370 , AI \leq 1 denotes being regarded as the Green Building Material in compliance with the radioactivity test directed by Taiwan Architecture & Building Center (Decree No. 1000005724 on Dec. 21, 2011).

Approved: -







Performance Experiment Center Architecture and Building Research Institute Ministry of the Interior, R.O.C.(Taiwan)





Test Report

Client: HSIN TING TAI SLIP PREVENTION CO.,LTD. Application No.: R17040501

Specimen Name: Solomon anti-slip agent (HS1N-001) Specimen No.: RS17041801

Environmental Conditions: Temperature 26 °C Relative Humidity 57 % (RH)

Date Of Sample Received: Apr. 18, 2017

Total Pages: 3 This Page: 2

Item(s)	Method(s)	Result(s)	Remark(s)
Asbestos Identification	NIEA R401.22C CNS13970	Not detected (The sample does not contain asbestos)	Estimated LOD: <1% Asbestos

Notes:

- 1. This report relates only to the items tested, and the content of this report is for references. but not for advertising publicity or other commercial purpose.
- 2.To reproduce, copy and/or counterfeit this report shall be prohibited.

3. Confirmation of this report is welcome.

Architecture and Building Research Institute Ministry of the Interior

Operator: 冷意



Test Report

Report No. : KB-16-10454XA

C-16-21424

Page No.

: 1 OF

Date of Report: Nov. 10, 2016

Project Name

Heavy load type-color-coating anti-slip drainage lid-static load test

Applicant

HSIN TING TAI SLIP PREVENTION CO.,LTD

Supplier

HSIN TING TAI SLIP PREVENTION CO.,LTD

Sample Name

Heavy load type

Sample Taken By

HSIN TING TAI SLIP PREVENTION CO., LTD(Lai, Wei-Jung)

Sample Submitted By

HSIN TING TAI SLIP PREVENTION CO.,LTD

Date of Sample Received

Nov. 07, 2016

Date of Testing

Nov. 07, 2016~Nov. 10, 2016

The information mentioned in the above section is provided by Client

(Exclude Date of Sample Received and Date of Testing)

Test results:

Remark

Sample name	Test Method	Loading Test (kgf)	Span (cm)	Deformation After Release (mm)
306mm×600mm×35mm	Ref. CNS 4994(1988)	12120	25	0.78
356mm×600mm×35mm		12093	30	0.35
406mm×600mm×35mm		12114	35	0.63
476mm×600mm×41mm		12083	40	0.05
576mm×600mm×47mm		12093	50	0.06
600mm×600mm×47mm		12107	50	0.21
676mm×600mm×53mm		12113	60	0.06
776mm×600mm×58mm		12045	70	0.01
800mm×800mm×58mm		12083	70	0.02
1000mm×1000mm×68mm		12105	90	0.07

Note: 1.Load Steel Plate.250mm×500mm×30mm •

2. This Test Report is an additional original report of KB-16-10454X C-16-21424.

Issued date: Jul. 28. 2017.

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The required specification(s) offered in this test report is/are for reference only. The conformity judgment is at the Applicant's final verdict.

Signed for and on behalf of SGS Taiwan Ltd.

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TWC2367582



Test Report

: KB-16-10455XA Report No.

C-16-21425

Page No.

: 1 OF 1

Date of Report: Nov. 10, 2016

Project Name

Light load type-color-coating anti-slip drainage lid-static load test

Applicant

HSIN TING TAI SLIP PREVENTION CO..LTD

Supplier

HSIN TING TAI SLIP PREVENTION CO.,LTD

Sample Name

Light load type

Sample Taken By

HSIN TING TAI SLIP PREVENTION CO.,LTD(Lai, Wei-Jung)

Sample Submitted By

HSIN TING TAI SLIP PREVENTION CO.,LTD

Date of Sample Received

Nov. 07, 2016

Date of Testing

Nov. 07, 2016~Nov. 10, 2016

Remark

The information mentioned in the above section is provided by Client

(Exclude Date of Sample Received and Date of Testing)

Test results:

Sample name	Test Method	Loading Test (kgf)	Span (cm)	Deformation After Release (mm)
306mm×600mm×35mm	Ref. CNS 4994(1988)	3048	25	0.20
356mm×600mm×35mm		3039	30	0.28
406mm×600mm×35mm		3042	35	0.40
456mm×600mm×35mm		3038	40	0.03
556mm×600mm×35mm		3038	50	0.04
600mm×600mm×35mm		3051	52	0.05
656mm×600mm×35mm		3029	60	0.15

Note: 1.Load Steel Plate.250mm×500mm×30mm •

2. This Test Report is an additional original report of KB-16-10455X C-16-21425

Issued date: Jul. 28, 2017.

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Test Report

Report No. : KB-16-07178XA

C-16-14696

Page No.

1

OF 1

Date of Report: Aug. 03, 2016

Project Name

Color-coating anti-slip drainage lid-coefficient of kinetic friction test

Applicant

HSIN TING TAI SLIP PREVENTION CO..LTD

Supplier

HSIN TING TAI SLIP PREVENTION CO.,LTD

Sample Name

Color-coating anti-slip drainage lid

Sample Submitted By

HSIN TING TAI SLIP PREVENTION CO.,LTD

Date of Sample Received

Aug. 02, 2016

Date of Testing

Aug. 02, 2016~Aug. 03, 2016

Remark

The information mentioned in the above section is provided by Client

(Exclude Date of Sample Received and Date of Testing)

Test results:

Test	Item	Test Method	Test Result	
			Dry state	Wet state
Variable Incidence	DEGREES	ASTM 51670 00	33	33
Tribometer (VIT)	SLIP INDEX	ASTM F1679-00	0.65	0.65

Remark: This Test Report is an additional original report of KB-16-07178X C-16-14696.

Issued date: Jul. 28, 2017.

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Test Report

Report No.

: KK-16-08194ZA

Page No.

: 1

OF

1

Date of Report: Jul. 28,2017

Project Name

Color-coating anti-slip drainage lid-Zinc coating mass test

Applicant

HSIN TING TAI SLIP PREVENTION CO.,LTD

Supplier

HSIN TING TAI SLIP PREVENTION CO..LTD

Sample Name

Color-coating anti-slip drainage lid

Sample Taken By

HSIN TING TAI SLIP PREVENTION CO..LTD

Sample Submitted By

HSIN TING TAI SLIP PREVENTION CO.,LTD

Date of Sample Received Aug. 22, 2016

Date of Testing

Aug. 22, 2016~Aug. 30, 2016

Testing Method

CNS 1247(2015)

Remark

The information mentioned in the above section is provided by Client

(Exclude Date of Sample Received and Date of Testing)

Test Results:

Specimen No.	Coating Thickness g/m ²	
No.1	872	

Remark: This Test Report is an additional original report of KK-16-8194Z. Issued date: Jul.28,2017.

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f (886-7) 301-1165

SGS Taiwan Ltd.

















昇恆昌金湖大飯店

We are honoured to provide our services and products for these units.

Hsin Ting Tai Slip Prevention co., Ltd

www.51680.com.tw

HQ: 11F-2 No.1, Ln.28, Shuangcheng st.Zhongshan Dist., Taipei city 10460, Taiwan(R.O.C)

Phone: +886-2-2595-5289

LAB: No.378, Ji`an Rd.Sec.2, Ji`an, Hualien county 97365, Taiwan(R.O.C)

Phone: +886-3-523-231

E-mail:a562988@yahoo.com.tw