

## Test Report

No.: VNLS1812028707TX

Date: Dec 18, 2018

Page 1 of 4

### CONG TY TNHH HOA CHAT HUNG XUONG

KCN HAI SON, AP BINH TIEN 2, XA DUC HOA HA, HUYEN DUC HOA,  
TINH LONG AN, VIETNAM

The following sample was submitted and identified by the client as:

Sample No.	Sample Description
A	SINOPOL PET - 2G (H-369) in WHITE FLAKE

Color Submitted : WHITE FLAKE

Supplier : SINO-JAPAN CHEMICAL CO., LTD

Lot No. : 20846101H369

End use : Apparel

Sample Receiving Date : Dec 06, 2018 PM. Confirmation date: Dec 11, 2018

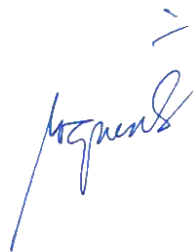
Test Performing Period : Dec 11, 2018 – Dec 18, 2018

Test Performed : Selected test(s) as requested by applicant.

\* \* \* \*

Test Results : Please refer to the next page(s).

Signed for and on behalf of  
**SGS Vietnam LTD**



Rhodora Quinto  
Softlines Lab Manager

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## Test Report

No.: VNSSL1812028707TX

Date: Dec 18, 2018

Page 2 of 4

### Component List / List of Materials

Sample No.	Component	Material	Color	Fiber Type	Remark
A1	White flake	Chemical	White	-	-

### PHOTO OF SUBMITTED SAMPLE



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## Test Report

No.: VNSL1812028707TX

Date: Dec 18, 2018

Page 3 of 4

### Test Result:

#### 1,4-Dioxane

Test Method: In-house Method. Analysis was conducted by headspace GC-MS

	<u>CAS No</u>	<u>Result</u> <u>(mg/kg)</u>
		<u>A1</u>
1,4-Dioxane	123-91-1	81

Note: n.d.= not detected  
mg/kg = ppm  
Detection Limit = 1.0 mg/kg

### Ethylene oxide

Test Method: In-house Method. Analysis was conducted by headspace GC-MS

	<u>CAS No</u>	<u>Result</u> <u>(mg/kg)</u>
		<u>A1</u>
Ethylene oxide	75-21-8	n.d.

Note: n.d.= not detected  
mg/kg = ppm  
Detection Limit = 1.0 mg/kg

### Glycols

Test Method : In-house method by solvent extraction. Analysis was performed by GC-MS

<u>Chemical Substances</u>	<u>CAS No</u>	<u>Results</u> <u>(mg/kg)</u>
Bis(2-methoxyethyl)-ether	111-96-6	<u>A1</u>
2-Butoxyethanol	111-76-2	n.d.
2-Ethoxyethanol	111-15-9	n.d.
2-Ethoxyethyl acetate	110-71-4	n.d.
Ethylene glycol dimethyl ether	109-86-4	n.d.
2-Methoxyethanol	110-49-6	n.d.
2-Methoxyethylacetate	111-77-3	n.d.
2-(2-Methoxyethoxy)-ethanol	107-98-2	n.d.
1-Methoxy-2-propanol	1589-47-5	n.d.
2-Methoxy-1-propanol	70657-70-4	n.d.
2-Methoxypropylacetate	112-49-2	n.d.
Triethylene glycol dimethyl ether		

Note: n.d.= not detected  
mg/kg = ppm  
Detection Limit:  
2-(2-Methoxyethoxy)-ethanol : 1.0 mg/kg  
Others: 5.0 mg/kg

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## Test Report

No.: VNLS1812028707TX

Date: Dec 18, 2018

Page 4 of 4

### Alkylphenols (AP) & Alkylphenol Ethoxylates (APEO) (\*)

Test Method: With reference to ISO 18254-1:2016. Analysis was conducted by HPLC-MS.

		<b>Result (mg/kg)</b>
	<b>CAS-No.</b>	<b>A1</b>
Nonylphenol (NP)	--	n.d.
Octylphenol (OP)	--	n.d.
Nonylphenol Ethoxylate (NPEO)	--	n.d.
Octylphenol Ethoxylate (OPEO)	--	n.d.

Note: n.d. = not detected  
 mg/kg = ppm  
 Detection Limit  
 NP, OP = 10 mg/kg (for individual substance)  
 NPEO, OPEO = 30 mg/kg (for individual substance)

### Total Antimony

Test Method: With reference to DIN EN 16711-1:2016. Analysis was conducted by ICP-MS

		<b>Result (mg/kg)</b>
	<b>CAS-No.</b>	<b>A1</b>
Antimony (Sb)	--	22

Note: n.d. = Not detected  
 mg/kg = ppm  
 Detection Limit = 5 mg/kg

Remark: Above test (\*) is accredited ISO 17025:2005 by VILAS.

*Report results refer to submitted sample(s) only*

\*\*\* End of Report \*\*\*

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