

TEST REPORT

Job No./Report No TR773965 R1

Date:10 June 2015

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BKS ENDUSTRI KIM MAD TIC
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To the attention of Cebrail Yumrutepe

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

Sample No.	Sample Description
A	Koruflex- Water Based Monomer

Client's reference No. : TR 773965
 Buyer : Not Provided
 Order No. : Not Provided
 Division : Not Provided
 Model/Style No. : Not Provided
 Article No. : Not Provided
 Age Grade : Not Provided
 Manufacturer : Not Provided
 Country of Origin : Not Provided
 Country of Destination : EUROPE COUNTRY
 Shipment Date : Not Provided
 Fiber Composition : Not Provided
 Fabric Weight : Not Provided
 End Use : Not Provided
 Sample Receiving Date : 3 June 2015
 Test Performing Period : 3 June 2015 ~ 9 June 2015
Overall Conclusion : SEE RESULTS
 Test Results : Please refer to the next page(s).
Performed Test Summary: Selected test(s) as requested by client against Client's performance standard.

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Test Parameters	Result
Chemical tests	A1
VOC SOLVENT	*
Lead Content	*
Phthalates	M

Remarks	:	M = Meets client's requirement
		F = Below client's requirement
		I = Inconclusive
		* = No specified requirement
Notes:	Conclusions on meet/fail are based on the test result from the actual sampling of the received sample(s).	
	Residual sample can be returned to client if requested.	

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The test results relate to the tested items only.
Test reports without SGS seal and authorized signatures are invalid.
Reported results do not include uncertainties.
In this Test Report tests marked (1) are included in the IAS Accreditation Scope of this Laboratory. Opinions and interpretations expressed herein are outside the scope of IAS Accreditation.

**IN THIS REVISED-1 REPORT SAMPLE DESCRIPTION WAS ADDED BY THE REQUEST OF THE APPLICANT.
THIS REPORT SUPERSEDES OUR REPORT NO:773965 DATED:9.06.2015**

Issued in Istanbul
Signed for and on behalf of
SGS Supervise Gözetme Etüd Kontrol Servisleri A.Ş.

Eylem Yaldızlı
Customer Services Team Leader

Yağız Barın
Section Manager



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Component List / List of Materials for Chemical Test

Sample No.	Sample Description	Material No.	Component	Material	Colour
A	Koruflex- Water Based Monomer	A1	Water based monomer	Liquid	Light Blue

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Lead Content

Test Method: With reference to EPA 3051A:2007 - Analysis by ICP-OES

Lead Content

A1
n.d.

Conclusion

See Results

Note(s):

n.d. = not detected

Detection Limit = 10 mg/kg

Requirement by the client= No Requirement

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Phthalates¹

Test Method: With reference to EN 14372:2004 - Analysis by GC-MS

Component	Cas No	A1
Dibutyl Phthalate (DBP)	84-74-2	n.d.
Benzylbutyl Phthalate (BBP)	85-68-7	n.d.
Bis-(2-ethylhexyl) Phthalate (DEHP)	117-81-7	n.d.
Total (DBP+BBP+DEHP)		n.d.
	Conclusion	Pass
Diisononyl Phthalate (DINP)	28553-12-0	n.d.
Di-n-octyl Phthalate (DNOP)	117-84-0	n.d.
Diisodecyl Phthalate (DIDP)	26761-40-0	n.d.
Total (DINP+DNOP+DIDP)		n.d.
	Conclusion	Pass

Note(s):

n.d. = not detected
 Detection Limit =

Recommended Max. Limit=

For DBP, BBP, DEHP, DIBP and DNOP: 0,003%, For DINP, DIDP: 0,01% (for individual compound)
 0,1 % for Total (DBP+BBP+DEHP) For all childcare articles
 0,1 % for Total (DINP+DNOP+DIDP) For childcare articles if it can be placed in the mouth

Remark:

Recommended Max. limit specified by entries 51 and 52 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 2005/84/EC).

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VOC Solvent

Test Method:

With reference to US EPA 8260C-VOC-Analysis by GC-MS

<u>Component</u>	<u>Cas No</u>	<u>A1</u>	<u>Detection Limit (g/L)</u>
1,1-Dichloroethene	75-35-4	n.d.	0.00005
Dichloromethane	79-09-2	n.d.	0.00005
Trans-1,2-dichloroethene	156-60-5	n.d.	0.00005
n-Hexane	110-54-3	n.d.	0.00005
Cis-1,2-dichloroethene	540-59-0	n.d.	0.00005
Chloroform	67-66-3	0,097g/L	0.00005
1,1,1-Trichloroethane	71-55-6	n.d.	0.00005
1,2-dichloroethane	107-06-2	n.d.	0.00005
Trichloroethene	79-01-6	n.d.	0.00005
Toluene-d8	2037-26-5	n.d.	0.00005
Toluene	108-88-3	n.d.	0.00005
1,1,2-Trichloroethane	79-00-5	n.d.	0.00005
Tetrachloroethene	127-18-4	n.d.	0.00005
N,N-Dimethylformamide	68-12-2	n.d.	0.00005
Ethylbenzene	100-41-4	n.d.	0.00005
p-Xylene	106-42-3	n.d.	0.00005
m-Xylene	108-38-3	n.d.	0.00005
o-Xylene	95-47-6	n.d.	0.00005
Styrene	100-42-5	n.d.	0.00005
N,N-dimethylacetamide	127-19-5	n.d.	0.00005
Ethylene glycol monobutyl ether	111-76-2	n.d.	0.00005
Cyclohexanone	108-94-1	n.d.	0.00005
1,1,2,2-Tetrachloroethane	79-34-5	n.d.	0.00005
Pentachloroethane	76-01-7	n.d.	0.00005
Phenol	108-95-2	n.d.	0.00005
N-Methylpyrrolidone	872-50-4	n.d.	0.00005
o-Cresol	95-48-7	n.d.	0.00005
p-Cresol,	160-44-5	n.d.	0.00005
m-Cresol	108-39-4	n.d.	0.00005
Naphthalene	91-20-3	n.d.	0.00005
Dimethylsulfoxide	67-68-5	n.d.	0,0002
2,6-Toluene diisocyanate	91-08-7	n.d.	0,0002
2,4-Toluene diisocyanate	584-84-9	n.d.	0,0002
4,4'-Methylene-bis(2-chloroaniline)	101-14-4	n.d.	0,0002
		n.d.	

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CarbonTetrachloride	56-23-5	n.d.	0.00005
Benzene	71-43-2	n.d.	0.00005
1,1,1,2-tetrachloroethane	630-20-6	n.d.	0.00005
Sum of the VOCs		0,097g/L	
Conclusion		See Results	
Requirement		No Requirement	

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* * * End of Test Report * * *

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