



Test
TS EN ISO/IEC 17025
AB-0716-T

AB-0716-T
TURT230001717
01-23

TEST REPORT

Page 1 of 3

REPORT NUMBER : TURT230001717
APPLICANT NAME : Gökhan Boya San. ve Tic. Ltd. Şti.
ADDRESS : Kazımpaşa Mah. Çanakkale Asfaltı No:20Menemen İzmir / TURKEY
TEL:0232 832 73 02FAX:0232 832 73 97

Attention : BURAK BERAN (bberan@gokhanboya.com)

SAMPLE DESCRIPTION : One sample of Liquid Sample (Protect Aqua Water Based 2K Varnish 525 - Series)
DATE IN : 5 January ,2023 (11:20:00)
DATE OUT : 10 January ,2023

TEST	SAMPLE
Migration of Certain Elements	1 P

P = MEETS BUYER' S REQUIREMENT / F = DOES NOT MEET BUYER' S REQUIREMENT / NR = NO REQUIREMENT / SC=STILL CONTINUES / X=NOT PERFORMED / NA = NOT APPLICABLE / LS = LACK OF SAMPLE / NC = NO COMMENT / I = INCONCLUSIVE / # = SEE RESULT / NF = NEEDS FURTHER TESTING / A = ABSENT / M = MARGINAL ACCEPT / SD = SEE DETAILS ENCLOSED / FS: FURTHER STEPS / SR = SEE RESULT / MA = MINIMUM AMOUNT

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Ezgi Aleyna ARI
Customer Care Executive

Zeynep AKIN
Chemical Laboratory Manager

Intertek Test Hizmetleri A.S.
Merkez Mahallesi Sanayi Cad. No.23 Altindag Plaza Yenibosna-34197 /ISTANBUL
Phone : +90 212 496 46 46 Fax: +90 212 452 80 55
e-mail : intertekcg.turkiye@intertek.com
<http://www.intertek-turkey.com>



230001717

Test Method	Results	Requirements
Migration of Certain Elements		
BS EN 71 3:2019+A1:2021		
Acid extraction method determined by Inductively Coupled Plasma – Mass Spectrometer (ICP / MS)		
	Result	Detection Limit
Antimony (Sb)	Not Detected	0.125 ppm
Arsenic (As)	Not Detected	0.125 ppm
Barium (Ba)	Not Detected	0.125 ppm
Cadmium (Cd)	Not Detected	0.125 ppm
Chromium (III)	Not Detected	0.125 ppm
Chromium (VI)	Not Detected	0.0025 ppm
Lead (Pb)	Not Detected	0.125 ppm
Mercury (Hg)	Not Detected	0.0125 ppm
Selenium (Se)	Not Detected	0.125 ppm
Aluminium (Al)	Not Detected	0.125 ppm
Boron (B)	Not Detected	0.125 ppm
Cobalt (Co)	Not Detected	0.125 ppm
Copper (Cu)	Not Detected	0.125 ppm
Manganese (Mn)	Not Detected	0.125 ppm
Nickel (Ni)	Not Detected	0.125 ppm
Strontium (Sr)	Not Detected	0.125 ppm
Tin (Sn)	Not Detected	0.125 ppm
Organic tin Δ	Not Detected	0.125 ppm
Zinc (Zn)	2.8 ppm	0.125 ppm
		Requirement
		11.3 ppm
		0.9 ppm
		375 ppm
		0.3 ppm
		9.4 ppm
		0.005 ppm
		0.5 ppm
		1.9 ppm
		9.4 ppm
		560 ppm
		300 ppm
		2.6 ppm
		156 ppm
		300 ppm
		18.8 ppm
		1125 ppm
		3750 ppm
		0.2 ppm
		938 ppm

Δ = Confirmation test was performed on the tested component. The reported value was the sum of the migration values of Dimethyl tin, Methyl tin, Butyl tin, Dibutyl tin, Tributyl tin, Tetrabutyl tin, n- Octyl tin, Di-n-octyl tin, Di-n-propyl tin, Diphenyl tin and Triphenyl tin after converted to Tributyl tin by calculation.

ppm (Part per million) = mg/kg

Estimated Total Uncertainty=(Paper - Chromium VI: \pm 10, Organic Tin: \pm 25, Others: \pm 22
Scrapable Coating - Chromium VI: \pm 10, Organic Tin: \pm 25, Others: \pm 22
Metal - Chromium VI: \pm 10, Organic Tin: \pm 26, Others: \pm 22
Crayons - Chromium VI: 10%, Organic Tin: \pm 26, Others: \pm 21
Plastik - Chromium VI: \pm 14, Organic Tin: \pm 24,)

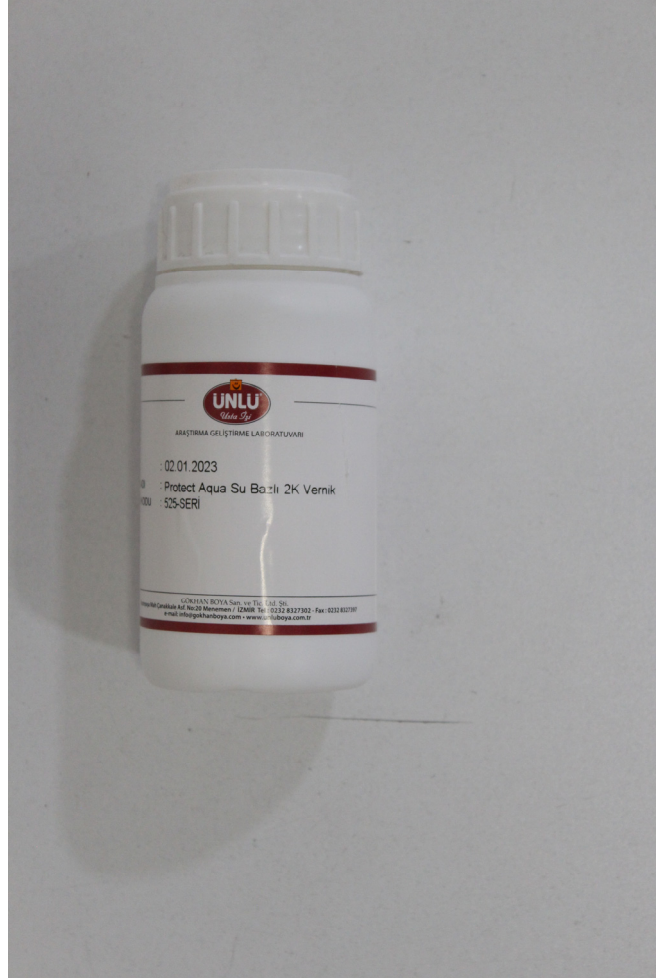
RESULTS

REPORT :TURT230001717

Page 3 of 3

10 January ,2023

Hardline



END OF TEST REPORT