

COAT ZONE INC  
 21011 HEGAR ROAD  
 HOCKLEY  
 TEXAS  
 77447  
 UNITED STATES

**Test Report No. BAE 282933/1**  
**Issue Date: 26<sup>th</sup> October 2020**

Attn: Russell McNeice

The following sample was submitted and identified by the client

as: **Sample Name:** Coilmax Part A & B, Thermax.

**Sample Reference:** Coilmax A, Coilmax B, Thermax.

**Sample Receiving Date:** 14 September 2020

**Testing Period:** Testing conducted between 07 Oct 2020 and 20 Oct 2020.

**Testing Required:** Please refer to the result summary  
*(Please note that this testing was conducted at another laboratory within the SGS group of companies)*

**Test Method & Results:** Please refer to next page

**Result Summary:**

Test Requested	Conclusion
European RoHS Directive 2011/65/EU Annex II; recasting 2002/95/EC (Selected test as specified by client)	PASS

Signed for and on behalf of  
 SGS United Kingdom Ltd.



Tracey McKenna BSc (Hons)  
 Chemistry Manager

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**Test Results:**

**European RoHS Directive 2011/65/EU Annex II; recasting 2002/95/EC**

Cadmium, Lead, Mercury and Hexavalent Chromium content

Method :

For Lead, Cadmium : With reference to IEC 62321-5:2013, analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES) / Atomic Absorption Spectrometer (AAS).

For Mercury : With reference to IEC 62321-4:2013+AMD1:2017, analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

For Chromium (VI) : With reference to IEC 62321-7-2:2017, analysis was performed by Ultraviolet Visible Spectrophotometer (UV-Vis)

Test Item	Result(mg/kg)			Reporting Limit (mg/kg)	Permissible Limit (mg/kg)
	1	2	3		
Cadmium (Cd)	ND	ND	ND	5	100
Lead (Pb)	ND	ND	ND	5	1000
Mercury (Hg)	ND	ND	ND	5	1000
Hexavalent Chromium (Cr(VI))	ND	ND	ND	5	1000
<b>Comment</b>	PASS	PASS	PASS	--	--

Sample Description :

1. White liquid (Thermax)
2. Transparent liquid (Coilmax A)
3. Transparent liquid (Coilmax B)

Note : 1. mg/kg = milligram per kilogram  
2. ND = Not Detected

Remark : Results shown as ND are ignored in the sum calculation

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## Remark :

1. When statement of conformity is made, unless inherent in the requested specification or instructed by the applicant, the decision rule would be based on the non-binary statement with guard band (is equal to the expanded measurement uncertainty with a 95% coverage probability,  $w = U_{95}$  in ILAC-G8:09/2019 Clause 4.2.3.

“Pass – the measured value is within (or below / above) the acceptance limit, where the acceptance limit is below / above to the guard band.” Or “Pass – The measured values were observed in tolerance at the points tested. The specific false accept risk is up to 2.5%”.

“Fail – the measured value is out of (or below / above) the tolerance limit added / subtracted to the guard band”. Or “Fail – One or more measured values were observed out of tolerance at the points test”. The specific false reject risk is up to 2.5%.

“Inconclusive – It is not possible to state the conformity. Either one or more measured values were observed in the portion of the expanded measurement uncertainty intervals at the points tested where the specific risk is up to 50%.”



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

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