

Test Report No. 2436018039
dated 2024-08-09



Add value.
Inspire trust.

Note: This report is issued subject to the Testing and Certification, Validation and Verification Regulations of the TÜV SÜD Group and the General Terms and Conditions of Business of TÜV SÜD Vietnam Co. Ltd. In addition, this report is governed by the terms set out within this report.

Applicant : **CSC STEEL S/B (MALAYSIA)**
Address : 180, Kawasan Perindustrian Ayer Keroh, 75450 Ayer Keroh,
Melaka
Attention : LEE HUI KIEN
Mail Box : hklee@cscmalaysia.com
Sample Received Date : Received on 2024/08/06
Test Period : From 2024/08/06 to 2024/08/09
Sample Description : **KH4138 (SGCC BMT 1.000mm Z12)**
Color Name : -
Buyer : -
Age group : -
End Use : -
Order No. : -
Style No. : -
Supplier : -
Country of Origin : -
Country of Destination : -
Season : -
Test Specification : Provided by customer



The results reported herein have been performed in accordance with the terms of accreditation under the Vietnam Bureau of Accreditation. Tests marked "Not Accredited" in this Report are not included in the BoA Accreditation Schedule for our laboratory.

Laboratory:
TÜV SÜD Vietnam Co. Ltd.
Lot III-26, 19/5A Street, Industry Group
III, Tan Binh I.P, Tay Thanh Ward, Tan
Phu District, Ho Chi Minh City, Vietnam

Phone :+ 84-28-62678506
Fax : +84-28-62678511
E-Mail: info.vn@tuvsud.com
<https://www.tuvsud.com/vi-vn>

Regional Head Office:
TÜV SÜD Asia Pacific Pte. Ltd.
15 International Business Park
TÜV SÜD @ IBP
Singapore 609937
TÜV®

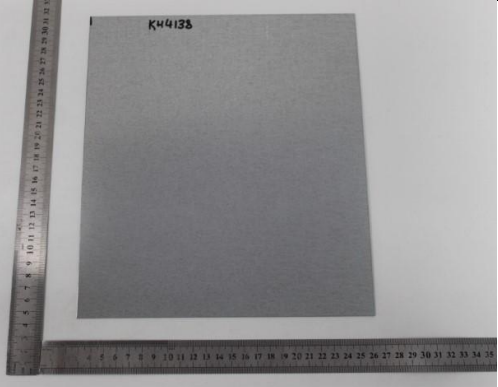


Result summary/ Conclusion:

No.	Test Parameters	Conclusion
1	Updated Substances of Very High Concern, SVHCs (No. 236 to No. 241)	Refer to results



1. Sample description

Sample	Photo
<p>Sample 1 Sample Description: KH4138 (SGCC BMT 1.000mm Z12)</p>	

2. Material Check List (Identified by Lab)

Component	Material	Color	Mat. No.
Sample 1	Metal	Silver	001

Test Required	Component	Remarks	Method and Requirement
Updated Substances of Very High Concern, SVHCs (No. 236 to No. 241)	001	---	Screening of SVHC by using GC-MS, HS-GC-MS, LC-DAD-MS, ICP, UV/VIS combination with Risk assessment of articles based on ECHA Information on Candidate List substances in articles

3. Test Results

3.1 SVHC SCREENING ANALYSIS: Substances of Very High Concern According to Regulation (EC) No.1907/2006 Article 7(2) and 33: Registration, Evaluation, Authorization and Restriction of Chemicals (REACH).

Test method: Analysis based on In-house method-GC-MS, HPLC and UPLC-PDA-MS quantification of relevant SVHC (substances of very high concern) in material samples; ICP-OES-screening and UV-VIS-screening after decomposition for determination of relevant SVHC.

Risk assessment of articles: based on ECHA Information on Candidate List substances in articles

Test Required	Component	Result [%]
2,4,6-tri-tert-butylphenol	001	N.D.
2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol		N.D.
2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one		N.D.
Bumetrizole		N.D.
Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol		N.D.
Bis(α,α-dimethylbenzyl) peroxide		N.D.

Note:

- In accordance with Regulation (EC) No.1907/2006, any producer or importer of articles shall notify ECHA, in accordance with paragraph 4 of Article 7, if a substance meets the criteria in Article 57 and is identified in accordance with Article 59(1), if both the following conditions are met:
 - The substance is present in those articles in quantities totalling over 1 tonne per producer or importer per year;
 - The substance is present in those articles above a concentration of 0.1 % weight by weight (w/w)

The obligations for suppliers of the substance, such as:

- supplying a safety data sheet
- communicating on safe use
- responding to consumer requests within 45 days and
- notifying ECHA if the article they produce contains an SVHC in quantities above one tonne per producer/importer per year and if the substance is present in those articles above a concentration of 0.1% (w/w).

- N.D. = Not Detected (Below Method Detection Limit)

Full list of tested SVHC:

No.	Substance Name	EC No.	CAS No.	Detection Limit (%)
236	2,4,6-tri-tert-butylphenol	211-989-5	732-26-3	0.01
237	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol	221-573-5	3147-75-9	0.01
238	2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one	438-340-0	119344-86-4	0.01
239	Bumetrizole	223-445-4	3896-11-5	0.01
240	Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol	700-960-7	-	0.01
241	Bis(α,α-dimethylbenzyl) peroxide	201-279-3	80-43-3	0.01

Note:

1. N.D. denotes Not Detected (Below Method Detection Limit)
2. * The substances are tested in term of its respective elements (e.g. As, Pb, Co,...)
3. ** The substances are tested in term of Cr(VI)
4. ^^ The substance is tested and calculated based on the tributyl tin
5. § The substance is proposed for the identification as target compound only where it contains Michler's ketone(CAS No.:90-94-8) or Michler's base(CAS No.:101-61-1) ≥ 0.1%(w/w).
6. Anthracene are tested by Polycyclic and heterocyclic Aromatic Hydrocarbons
7. *, **, ※ The analysis of these substances is conducted for metal components.
8. Results shown are of the minimum weight of mixed samples.
9. # The substance are UVCB (substance of unknown or variable composition, complex reaction products or biological materials), only main components were determined and calculated.
10. ^ The substance is tested and calculated based on result of Monoctyl tin and Dioctyl tin

Reviewed by



Le Minh thang
Project Engineer - Environmental Services

Authorized by



Nguyen Minh Truc
Head – Chemical Lab (Non – Food)

Test Report No. 2436018039
dated 2024-08-09



Please note that this Report is issued under the following terms :

1. This report applies to the sample of the specific product/equipment given at the time of its testing. The results are not used to indicate or imply that they are applicable to other similar items. In addition, such results must not be used to indicate or imply that TÜV SÜD Vietnam Co. Ltd. approves, recommends or endorses the manufacturer, supplier or user of such product/equipment, or that TÜV SÜD Vietnam Co. Ltd. in any way "guarantees" the later performance of the product/equipment. Unless otherwise stated in this report, no tests were conducted to determine long term effects of using the specific product/equipment.
2. The sample/s mentioned in this report is/are submitted/supplied/manufactured by the Client. TÜV SÜD Vietnam Co. Ltd. therefore assumes no responsibility for the accuracy of information on the brand name, model number, origin of manufacture, consignment or any information supplied.
3. Nothing in this report shall be interpreted to mean that TÜV SÜD Vietnam Co. Ltd. has verified or ascertained any endorsement or marks from any other testing authority or bodies that may be found on that sample.
4. This report shall not be reproduced wholly or in parts and no reference shall be made by the Client to TÜV SÜD Vietnam Co. Ltd. or to the report or results furnished by TÜV SÜD Vietnam Co. Ltd. in any advertisements or sales promotion.
5. Unless otherwise stated, the tests were carried out in TÜV SÜD Vietnam Co. Ltd., Lot III-26, 19/5A Street, Industry Group III, Tan Binh I.P, Tay Thanh Ward, Tan Phu District, Ho Chi Minh City, Vietnam.
6. The tests carried out by TÜV SÜD Vietnam Co. Ltd. and this report is subject to TÜV SÜD Vietnam Co. Ltd.'s General Terms and Conditions of Business and the Testing and Certification, Validation and Verification Regulations of the TÜV SÜD Group.

Effective 01 April 2024

