

Test Report No. 2436018038
dated 2024-08-09



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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 : **KJ5358 (SPCC-SD BMT 0.900mm)**
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:
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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: KJ5358 (SPCC-SD BMT 0.900mm)</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:

1. 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:
 - (a) The substance is present in those articles in quantities totalling over 1 tonne per producer or importer per year;
 - (b) 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).

2. 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)

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Effective 01 April 2024

