

Report No. : MAN:HL:1548001980-2

ISSUE DATE: 12-Apr-2024



SPINKS INDIA

135, PACE CITY 1, SECTOR 37,
GURUGRAM, HARYANA- 122001
INDIA

CONTACT PERSON: DR. MANISHA MAHARANA

THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED AND IDENTIFIED BY/ON BEHALF OF THE CUSTOMER AS :

SAMPLE DESCRIPTION T200 MIX INK -
M1x,M2x,M3x,M5,M6,M7,M8,M9,M11,M12,M0,2002,3003,5002,9001,1004,9002,
1007,9023,0005,0006, 100VR1453,100VR1450, 100VR1440,100VR1170, 100VR133

LAB PROVIDED DETAILS:

CONDITION OF SAMPLE COMPLETE AND OK

THE LOCATION OF PERFORMANCE OF THE LABORATORY ACTIVITIES: SGS GURUGRAM LABORATORY: HEAVY METAL CONTENT, PHTHALATE CONTENT TEST, TITANIUM CONTENT, DETERMINATION OF AZO DYES, PENTACHLOROPHENOL CONTENT

SGS CHENNAI LABORATORY: TRICRESYL PHOSPHATE, CHLORINATED NAPHTHLENE, FUSCHINE TEST, RESIDUAL SOLVENTS, VOLATILE CHLORINATED HYDROCARBONS, SHORT AND MEDIUM CHAIN CHLORINATED PARAFFINS (SCCP AND MCCP), POLYCHLORINATED TERPHENYLS, POLYCHLORINATED BIPHENYLS, FLAME RETARDANT, HEXACHLOROCYCLOHEXANE, N-NITROSAMINES TEST, 4,4 TETRAETHYLDIAMINO BENZOPHENONE (MICHLETS KETONE), TOLUENE DI-ISOCYANATE, VINYL CHLORIDE MONOMER,

SGS PUNE LABORATORY: AVOIDANCE OF HAZARDOUS SUBSTANCES (ASBESTOS) TEST

SAMPLE RECD ON 12-Mar-2024

TESTING PERIOD : 12-Mar-2024 - 03-Apr-2024

MODIFIED DATE 12-Apr-2024

SUMMARY OF TEST RESULTS:

Remarks: Analytes list reference taken from Substances Exclusion list mentioned under IS 15495:2020

| TESTS | PASS | FAIL | REMARKS |
|---|------|------|------------|
| 1. HEAVY METAL | P | | |
| 2. PHTHALATE CONTENT TEST | | | SEE RESULT |
| 3. TRICRESYL PHOSPHATE | | | SEE RESULT |
| 4. CHLORINATED NAPHTHLENE | | | SEE RESULT |
| 5. FUSCHINE TEST | | | SEE RESULT |
| 6. RESIDUAL SOLVENTS | | | SEE RESULT |
| 7. VOLATILE CHLORINATED HYDROCARBONS | | | SEE RESULT |
| 8. SHORT AND MEDIUM CHAIN CHLORINATED PARAFFINS (SCCP AND MCCP) | | | SEE RESULT |
| 9. POLYCHLORINATED TERPHENYLS | | | SEE RESULT |
| 10. POLYCHLORINATED BIPHENYLS | | | SEE RESULT |
| 11. FLAME RETARDANT | | | SEE RESULT |
| 12. HEXACHLOROCYCLOHEXANE | | | SEE RESULT |
| 13. N-NITROSAMINES TEST | | | SEE RESULT |
| 14. 4,4 TETRAETHYLDIAMINO BENZOPHENONE (MICHLETS KETONE) | | | SEE RESULT |
| 15. TOLUENE DI-ISOCYANATE | | | SEE RESULT |
| 16. VINYL CHLORIDE MONOMER | | | SEE RESULT |
| 17. TITANIUM CONTENT | | | SEE RESULT |
| 18. PENTACHLOROPHENOL CONTENT | | | SEE RESULT |

This Report cancels and supersedes the Report No. 1548001980 Dated 10/04/2024 issued by SGS India.

JOE No. : 2448801054

400213117

Page 1 of 12

Control No.: 1548002686

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/terms> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. The laboratory shall be responsible for all the information provided in the report, except when information and instruction for specific scope of testing is provided by the customer. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

No decision rule is applied, when comparing the measurement result (s) with the applicable limit(s) according to the specification in the respective standard or as shared by the customer.

Connectivity and product, Testing Laboratory, Plot no. 21, Sector 3, IMT Manesar, Gurugram District, Haryana- 122050 (India) t: (+91-124 678 7600

Report No. : MAN:HL:1548001980-2

ISSUE DATE: 12-Apr-2024



| | | | |
|---|--|--|------------|
| 19. DETERMINATION OF AZO DYES | | | SEE RESULT |
| 20. AVOIDANCE OF HAZARDOUS SUBSTANCES (ASBESTOS) TEST | | | SEE RESULT |

P=Pass
F=Fail

TEST(S) RESULT & METHOD: PLEASE REFER TO NEXT PAGE(S). RESULTS APPLY TO THE SAMPLE AS RECEIVED

Per Pro SGS India Pvt. Ltd.



SANDIP BHUSHAN
TECHNICAL MANAGER
Authorized Signatory-Mechanical

Email your Test Report Related Enquiries at Feedback.HLT@sgs.com

Revision Remark: Report has been revised to change heavy metal test standard as per customer request.

This Report cancels and supersedes the Report No. 1548001980 Dated 10/04/2024 issued by SGS India.

JOE No. : 2448801054

400213117

Page 2 of 12

Control No.: 1548002686

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/terms> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. The laboratory shall be responsible for all the information provided in the report, except when information and instruction for specific scope of testing is provided by the customer. "Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. No decision rule is applied, when comparing the measurement result (s) with the applicable limit(s) according to the specification in the respective standard or as shared by the customer.

Report No. : MAN:HL:1548001980-2

ISSUE DATE: 12-Apr-2024



NON ACCREDITED TEST(S)

TEST RESULT:

1. HEAVY METAL:

Method: With reference to IS 15495:2020; Analysis Was Perforemd By ICP-OES.

| Test Item(s) | Result (mg/kg) | Requirement (mg/kg) |
|----------------------------|----------------|---------------------|
| Lead (Pb) | Not Detected | ≤ 90 |
| Arsenic (As) | Not Detected | ≤ 25 |
| Mercury (Hg) | Not Detected | ≤ 60 |
| Cadmium (Cd) | Not Detected | ≤ 75 |
| Barium (Ba) | Not Detected | ≤ 1000 |
| Hexavalent Chromium (CrVI) | Not Detected | ≤ 60 |
| Antimony (Sb) | Not Detected | ≤ 60 |
| Selenium (Se) | Not Detected | / |
| Conclusion | Pass | -- |

Detection Limit: Hexavalent Chromium (CrVI): 8 ppm & Others: 10 ppm

Tested Item: INK & THINNER

Note:-

- Additional testing of selenium (Se) performed as per customer request.
- Test has been sub-contracted to ISO/IEC 17025 accredited laboratory.

2. PHTHALATE CONTENT TEST

Method: With reference to EN 14372: 2004; Analysis was conducted by GC-MS

| Test Item(s) | Result (mg/kg) | Requirement (mg/kg) |
|-----------------------------|----------------|---------------------|
| Dibutyl Phthalate (DBP) | Not Detected | -- |
| Diisononyl Phthalate (DINP) | Not Detected | -- |

Detection Limit: 100 ppm

Tested Item: INK & THINNER

Note:- Test has been sub-contracted to ISO/IEC 17025 accredited laboratory.

This Report cancels and supersedes the Report No. 1548001980 Dated 10/04/2024 issued by SGS India.

JOE No. : 2448801054

400213117

Page 3 of 12

Control No.: 1548002686

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/terms> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. The laboratory shall be responsible for all the information provided in the report, except when information and instruction for specific scope of testing is provided by the customer. "Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. No decision rule is applied, when comparing the measurement result (s) with the applicable limit(s) according to the specification in the respective standard or as shared by the customer.



TEST REPORT

REVISED

Report No. : MAN:HL:1548001980-2

ISSUE DATE: 12-Apr-2024



NON ACCREDITED TEST(S)

3. TRICRESYL PHOSPHATE:

Method: Solvent Extraction ; Analysis By GC-MS

| Test Name | Result (ppm) | Requirement (ppm) |
|---------------------|--------------|-------------------|
| Tricresyl Phosphate | Not Detected | / |

Detection Limit: 1 ppm

Tested Item: INK & THINNER

Note:- Test has been sub-contracted to ISO/IEC 17025 accredited laboratory.

4. CHLORINATED NAPHTHLENE:

Method: Solvent Extraction ; Analysis By GC-MS

| Test Name | Result (ppm) | Requirement (ppm) |
|------------------------|--------------|-------------------|
| Chlorinated Naphthlene | Not Detected | / |

Detection Limit: 1 ppm

Tested Item: INK & THINNER

Note:- Test has been sub-contracted to ISO/IEC 17025 accredited laboratory.

5. FUSCHINE TEST:

Method: With reference to DIN 54231:2022. Analysis was performed by HPLC-DAD-MSD

| Test Name | Result (ppm) | Requirement (ppm) |
|---------------|--------------|-------------------|
| Fuschine Test | Not Detected | / |

Detection Limit: 15 ppm

Tested Item: INK & THINNER

Note:- Test has been sub-contracted to ISO/IEC 17025 accredited laboratory.

This Report cancels and supersedes the Report No. 1548001980 Dated 10/04/2024 issued by SGS India.

JOE No. : 2448801054

400213117

Page 4 of 12

Control No.: 1548002686

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/terms> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. The laboratory shall be responsible for all the information provided in the report, except when information and instruction for specific scope of testing is provided by the customer. "Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. No decision rule is applied, when comparing the measurement result (s) with the applicable limit(s) according to the specification in the respective standard or as shared by the customer.

Report No. : MAN:HL:1548001980-2

ISSUE DATE: 12-Apr-2024



NON ACCREDITED TEST(S)

6. RESIDUAL SOLVENTS:

Method: In House Method ; Analysis by GC-MS HEAD SPACE

| Test Item | Result (ppm) | Requirement (ppm) |
|-------------------------|--------------|-------------------|
| 2-Ethoxy Ethanol | Not Detected | / |
| 2-Ethoxyethyl Acetate | Not Detected | / |
| 2-Methoxy Ethanol | Not Detected | / |
| 2-Methoxy Ethyl Acetate | Not Detected | / |
| Benzene | Not Detected | / |
| Dichlorobenzene | Not Detected | / |
| Monochlorobenzene | Not Detected | / |
| Methanol | Not Detected | / |
| Toluene | Not Detected | / |

Detection Limit: 10 ppm

Tested Item: INK & THINNER

Note:- Test has been sub-contracted to ISO/IEC 17025 accredited laboratory.

7. VOLATILE CHLORINATED HYDROCARBONS:

Method: In House Method ; Analysis by GC-MS HEAD SPACE

| Test Item | Result (ppm) | Requirement (ppm) |
|---------------------------|--------------|-------------------|
| Dichloromethane | Not Detected | / |
| Chloroform | Not Detected | / |
| Tetrachloromethane | Not Detected | / |
| 1,1,2-Trichloroethane | Not Detected | / |
| 1,1-Dichloroethane | Not Detected | / |
| 1,2- Dichloroethane | Not Detected | / |
| Trichloroethylene | Not Detected | / |
| Perchloroethylene | Not Detected | / |
| 1,1,1-Trichloroethane | Not Detected | / |
| 1,1,1,2-Tetrachloroethane | Not Detected | / |
| 1,1,2,2-Tetrachloroethane | Not Detected | / |
| Pentachloroethane | Not Detected | / |
| 1,1-Dichloroethylene | Not Detected | / |

Detection Limit: 50 ppm

Tested Item: INK & THINNER

Note:- Test has been sub-contracted to ISO/IEC 17025 accredited laboratory.

This Report cancels and supersedes the Report No. 1548001980 Dated 10/04/2024 issued by SGS India.

JOE No. : 2448801054

400213117

Page 5 of 12

Control No.: 1548002686

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/terms> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. The laboratory shall be responsible for all the information provided in the report, except when information and instruction for specific scope of testing is provided by the customer. "Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. No decision rule is applied, when comparing the measurement result (s) with the applicable limit(s) according to the specification in the respective standard or as shared by the customer.

Report No. : MAN:HL:1548001980-2

ISSUE DATE: 12-Apr-2024



NON ACCREDITED TEST(S)

8. CHLORINATED PARAFFINS (SCCP AND MCCP):

Method: Solvent Extraction : Analysis By GC-MS-NCl.

| Test Name | Result (ppm) | Requirement (ppm) |
|--|--------------|-------------------|
| Short Chain Chlorinated Paraffin (SCCP) (C10-C13) | Not Detected | / |
| Medium Chain Chlorinated Paraffin (MCCP) (C14-C17) | Not Detected | / |

Detection Limit: 50 ppm

Tested Item: INK & THINNER

Note:- Test has been sub-contracted to ISO/IEC 17025 accredited laboratory.

9. POLYCHLORINATED TERPHENYLS:

Method: Solvent Extraction : Analysis By GC-MS.

| Test Name | Result (ppm) | Requirement (ppm) |
|----------------------------|--------------|-------------------|
| Polychlorinated Terphenyls | Not Detected | / |

Detection Limit: 1 ppm

Tested Item: INK & THINNER

Note:- Test has been sub-contracted to ISO/IEC 17025 accredited laboratory.

10. POLYCHLORINATED BIPHENYLS:

Method: Solvent Extraction ; Analysis By GC-MS/ ECD.

| Test Name | Result (ppm) | Requirement (ppm) |
|---|--------------|-------------------|
| 2-Chlorobiphenyl | Not Detected | / |
| 3,3-Di Chlorobiphenyl | Not Detected | / |
| 2,4,5-Tri Chlorobiphenyl | Not Detected | / |
| 2,2',4,4'-Tetra Chlorobiphenyl | Not Detected | / |
| 2,3'4,5',6-Penta Chlorobiphenyl | Not Detected | / |
| 2,2',3,3',6,6'-Hexa Chlorobiphenyl | Not Detected | / |
| 2,2',3,4,5,5',6- Heptachlorobiphenyl | Not Detected | / |
| 2,2'3,3',4,4',5,5'-Octachlorobiphenyl | Not Detected | / |
| 2,2',3,3',4,4'5,5',6-Nonachlorobiphenyl | Not Detected | / |
| 2,2',3,3',4,4',5,5',6,6'-Decachlorobiphenyl | Not Detected | / |

Detection Limit: 1 ppm

Tested Item: INK & THINNER

Note:- Test has been sub-contracted to ISO/IEC 17025 accredited laboratory.

This Report cancels and supersedes the Report No. 1548001980 Dated 10/04/2024 issued by SGS India.

JOE No. : 2448801054

400213117

Page 6 of 12

Control No.: 1548002686

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/terms> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. The laboratory shall be responsible for all the information provided in the report, except when information and instruction for specific scope of testing is provided by the customer. "Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. No decision rule is applied, when comparing the measurement result (s) with the applicable limit(s) according to the specification in the respective standard or as shared by the customer.

Report No. : MAN:HL:1548001980-2

ISSUE DATE: 12-Apr-2024



NON ACCREDITED TEST(S)

11. FLAME RETARDANTS:

Method: Solvent Extraction ; Analysis By GC-MS

| Test Item | Result (ppm) | Requirement (ppm) |
|---|--------------|-------------------|
| Polybrominated Biphenyl (PBB) | Not Detected | / |
| Pentabromodiphenyl Ether (Penta BDE) | Not Detected | / |
| Tetrabromodiphenyl Ether (TetraBDE) | Not Detected | / |
| Hexabromodiphenyl Ether (Hexa BDE) | Not Detected | / |
| Heptabromodiphenyl Ether (Hepta BDE) | Not Detected | / |
| Octabromodiphenyl Ether (Octa BDE) | Not Detected | / |
| Decabromodiphenyl Ether (Deca BDE) | Not Detected | / |
| Hexabromocyclododecane (HBCDD) | Not Detected | / |
| Bis-(2,3-Dibromopropyl) Phosphate (BDBPP) | Not Detected | / |
| Tris-(2,3-Dibromopropyl) Phosphate (TDBPP) | Not Detected | / |
| Hexabromoobiphenyl (2,2,4,4,5,5) | Not Detected | / |
| 2-Ethyl Hexyl Tetrabromobenzoate (TBB) | Not Detected | / |
| Tetrabromo Bisphenol A (TBBPA) | Not Detected | / |
| Bis-2-Ethyl Hexyl 2,3,4,5- Tetrabromophosphate (TBPH) | Not Detected | / |
| Pentabromophenol | Not Detected | / |

Detection Limit: 50 ppm

Tested Item: INK & THINNER

Note:- Test has been sub-contracted to ISO/IEC 17025 accredited laboratory.

12. HEXACHLOROCYCLOHEXANE:

Method: Solvent Extraction ; Analysis By GC-MS

| Test Name | Result (ppm) | Requirement (ppm) |
|-----------------------|--------------|-------------------|
| Hexachlorocyclohexane | Not Detected | / |

Detection Limit: 10 ppm

Tested Item: INK & THINNER

Note:- Test has been sub-contracted to ISO/IEC 17025 accredited laboratory.

This Report cancels and supersedes the Report No. 1548001980 Dated 10/04/2024 issued by SGS India.

JOE No. : 2448801054

400213117

Page 7 of 12

Control No.: 1548002686

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/terms> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. The laboratory shall be responsible for all the information provided in the report, except when information and instruction for specific scope of testing is provided by the customer. "Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. No decision rule is applied, when comparing the measurement result (s) with the applicable limit(s) according to the specification in the respective standard or as shared by the customer.

Report No. : MAN:HL:1548001980-2

ISSUE DATE: 12-Apr-2024



NON ACCREDITED TEST(S)

13. N-NITROSAMINES TEST:

Method: In House ; Analysis By GC-MS.

| Test Item | Result (ppm) | Requirement (ppm) |
|---------------------------|--------------|-------------------|
| N-Nitrosodimethylamine | Not Detected | / |
| N-Nitrosodiethylamine | Not Detected | / |
| N-Nitrosodipropylamine | Not Detected | / |
| N-Nitrosodi-n-butylamine | Not Detected | / |
| N-Nitrosomorpholine | Not Detected | / |
| N-Nitrosopyrrolidine | Not Detected | / |
| N-Nitrosopiperidine | Not Detected | / |
| N-Nitrosodiphenylamine | Not Detected | / |
| N-Nitrosomethylethylamine | Not Detected | / |

Detection Limit: 10 ppm

Tested Item: INK & THINNER

Note:- Test has been sub-contracted to ISO/IEC 17025 accredited laboratory.

14. 4,4 TETRAETHYLDIAMINO BENZOPHENONE (MICHLERS KETONE):

Method: Solvent Extraction ; Analysis By GC-MS.

| Test Item | Result (ppm) | Requirement (ppm) |
|---|--------------|-------------------|
| 4,4 Tetraethyl diamino Benzophenone (Michlers Ketone) | Not Detected | / |

Detection Limit: 100 ppm

Tested Item: INK & THINNER

Note:- Test has been sub-contracted to ISO/IEC 17025 accredited laboratory.

15. TOLUENE DI-ISOCYANATE:

Method: With Reference To BS EN 13130-8 :2004, Analysis By LC-MS

| Test Name | Result (ppm) | Requirement (ppm) |
|-----------------------|--------------|-------------------|
| Toluene DI-Isocyanate | Not Detected | / |

Detection Limit: 1 ppm

Tested Item: INK & THINNER

Note:- Test has been sub-contracted to ISO/IEC 17025 accredited laboratory.

This Report cancels and supersedes the Report No. 1548001980 Dated 10/04/2024 issued by SGS India.

JOE No. : 2448801054

400213117

Page 8 of 12

Control No.: 1548002686

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/terms> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. The laboratory shall be responsible for all the information provided in the report, except when information and instruction for specific scope of testing is provided by the customer. "Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. No decision rule is applied, when comparing the measurement result (s) with the applicable limit(s) according to the specification in the respective standard or as shared by the customer.

Report No. : MAN:HL:1548001980-2

ISSUE DATE: 12-Apr-2024



NON ACCREDITED TEST(S)

16. VINYL CHLORIDE MONOMER:

Method: In House Mthod ; Analysis By GC-MS HEAD SPACE.

| Test Name | Result (ppm) | Requirement (ppm) |
|------------------------|--------------|-------------------|
| Vinyl Chloride Monomer | Not Detected | / |

Detection Limit: 1 ppm

Tested Item:

Note:- Test has been sub-contracted to ISO/IEC 17025 accredited laboratory.

17. TITANIUM CONTENT:

Method: In House Method ; Analysis was performed by ICP-OES/MS.

| Test Name | Result (ppm) | Requirement (ppm) |
|------------------|--------------|-------------------|
| Titanium Content | 382 ppm | / |

Detection Limit: 100 ppm

Tested Item: INK & THINNER

Note:- Test has been sub-contracted to ISO/IEC 17025 accredited laboratory.

18. PENTACHLOROPHENOL CONTENT:

Method: With reference to EN ISO 17070: 2015; Analysis by GC-ECD/MS

| Test Name | Result (ppm) | Requirement (ppm) |
|---------------------------|--------------|-------------------|
| Pentachlorophenol Content | Not Detected | / |

Detection Limit: 0.5 ppm

Tested Item: INK & THINNER

Note:- Test has been sub-contracted to ISO/IEC 17025 accredited laboratory.

This Report cancels and supersedes the Report No. 1548001980 Dated 10/04/2024 issued by SGS India.

JOE No. : 2448801054

400213117

Page 9 of 12

Control No.: 1548002686

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/terms> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. The laboratory shall be responsible for all the information provided in the report, except when information and instruction for specific scope of testing is provided by the customer. "Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. No decision rule is applied, when comparing the measurement result (s) with the applicable limit(s) according to the specification in the respective standard or as shared by the customer.

Report No. : MAN:HL:1548001980-2

ISSUE DATE: 12-Apr-2024



NON ACCREDITED TEST(S)

19. DETERMINATION OF AZO DYES:

Method: With reference to ISO 14362-1 : 2017, Determination of 4-aminoazobenzene (CAS No. 60-09-3)- EN ISO 14362-3: 2017; Analysis was conducted with GC-MS/HPLC-DAD.

| FORBIDDEN AMINES SUBSTANCES | CAS NO. | TEST RESULT(ppm) |
|--|----------|------------------|
| 4-Aminobiphenyl | 92-67-1 | ND |
| Benzidine | 92-87-5 | ND |
| 4-Chlor-o-toluidine | 95-69-2 | ND |
| 2-Naphthylamine | 91-59-8 | ND |
| o-Aminoazotoluene | 97-56-3 | ND |
| 5-Nitro-o-toluidine / 2-Amino-4-nitrotoluene | 99-55-8 | ND |
| 4-Chloroaniline | 106-47-8 | ND |
| 4-Methoxy-m-phenylenediamine / 2,4-Diaminoanisole | 615-05-4 | ND |
| 4,4'-Diaminodiphenylmethane | 101-77-9 | ND |
| 3,3'-Dichlorobenzidine | 91-94-1 | ND |
| 3,3'-Dimethoxybenzidine | 119-90-4 | ND |
| 3,3'-Dimethylbenzidine | 119-93-7 | ND |
| 4,4'-Methylenedi-o-toluidine / 3,3'-Dimethyl-4,4'-diaminodiphenylmethane | 838-88-0 | ND |
| p-Cresidine | 120-71-8 | ND |
| 4,4'-Methylene-bis-(2-chloroaniline) | 101-14-4 | ND |
| 4,4'-Oxydianiline | 101-80-4 | ND |
| 4,4'-Thiodianiline | 139-65-1 | ND |
| o-Toluidine | 95-53-4 | ND |
| 4-Methyl-m-phenylenediamine / 2,4-Toluylendiamine | 95-80-7 | ND |
| 2,4,5-Trimethylaniline | 137-17-7 | ND |
| 4-Aminoazobenzene | 60-09-3 | ND |
| o-Anisidine | 90-04-0 | ND |
| 2,6-Xylidine | 87-62-7 | ND |
| 2,4-Xylidine | 95-68-1 | ND |

Tested Item: INK & THINNER

Note:

- ND= Not Detected
- Method Detection Limit: 25 mg/kg (ppm) (for individual compound)
- Test has been sub-contracted to ISO/IEC 17025 accredited laboratory.

This Report cancels and supersedes the Report No. 1548001980 Dated 10/04/2024 issued by SGS India.

JOE No. : 2448801054

400213117

Page 10 of 12

Control No.: 1548002686

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/terms> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. The laboratory shall be responsible for all the information provided in the report, except when information and instruction for specific scope of testing is provided by the customer. "Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. No decision rule is applied, when comparing the measurement result (s) with the applicable limit(s) according to the specification in the respective standard or as shared by the customer.



NON ACCREDITED TEST(S)

Remark:

- The ISO 14362 – 1:2017 method will enable further cleavage of 4-aminoazobenzene to non- forbidden amines:aniline and 1,4-phenylenediamine, If aniline and/or 1,4- phenylenediamine is not found (i.e. 5mg/kg) by mentioned test method, test result for 4-aminoazobenzene (CAS No. 60-09-3) is considered as “not detected” (i.e. <5mg/kg). Otherwise, the test method of ISO 14362 – 1:2017 will be employed to verify the presence of 4-aminoazobenzene.
- Whenever 4-aminodiphenyl (CAS No. 92-67-1), 2-naphylamine (CAS No. 91-59-8) and 4-methoxy-m-phenylenediamine (CAS No. 615-05-4) is found, the use of banned azo colorants cannot be reliably ascertained without additional information, e.g. the chemical structure of the colorants used In case polyurethane material are used, e.g. PU foams and coatings and in prints, it cannot be ruled out that certain amines, e.g. 4,4'methylene-dianiline (MDA, CAS No. 101-77-9) and 2,4-toluylendiamine (TDA, CAS No. 95-80-7) are released from the PU component and not from a banned azo colorant.
- In case polyurethane material are used, e.g. PU foams and coatings and in prints, it cannot be ruled out that certain amines, e.g. 4,4'methylene-dianiline (MDA, CAS No. 101-77-9) and 2,4-toluylendiamine (TDA, CAS No. 95-80-7) are released from the PU component and not from a banned azo colorant.
- In case of pigment prints care has to be taken that 4,4-methylene-dianiline (MDA, CAS No. 101-77-9) is not released from a source of banned azo colorants but from e.g. a chemical fixing agent.

20. AVOIDANCE OF HAZARDOUS SUBSTANCES (ASBESTOS) TEST:

Method: With reference to JIS A 1481-1 (2016) ISO 22262-1 (2012) Analysis was performed by Stereo Microscope (SM) and Dispersion Staining Polarized Light Microscope (DS-PLM)

Reference: JIS A 1481-1 (2016) ISO 22262-1 (2012) Shimadzu Application Note-Surface Analysis Business Unit.

| Test Item | Result | Requirement |
|------------------------------------|----------|-------------|
| Chrysotile (CAS No. 12001-29-5) | Negative | / |
| Amosite (CAS No. 12172-73-5) | Negative | / |
| Crocidolite (CAS No. 12001-28-4) | Negative | / |
| Anthophyllite (CAS No. 77536-67-5) | Negative | / |
| Tremolite (CAS No. 77536-68-6) | Negative | / |
| Actinolite (CAS No. 77536-66-4) | Negative | / |

Tested Item: INK & THINNER

Note:

- If fibres are observed on the basis of color observation as well as ICDD search match/ peaks on XRD for particular asbestos material, then that particular asbestos will be present i.e positive. Rather then the asbestos will be absent i.e negative
- Test has been sub-contracted to ISO/IEC 17025 accredited laboratory.
- Above all testing has been performed as per customer request.

This Report cancels and supersedes the Report No. 1548001980 Dated 10/04/2024 issued by SGS India.

JOE No. : 2448801054

400213117

Page 11 of 12

Control No.: 1548002686

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/terms> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. The laboratory shall be responsible for all the information provided in the report, except when information and instruction for specific scope of testing is provided by the customer. "Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

No decision rule is applied, when comparing the measurement result (s) with the applicable limit(s) according to the specification in the respective standard or as shared by the customer.

Report No. : MAN:HL:1548001980-2

ISSUE DATE: 12-Apr-2024



Sample as Received



*****END OF REPORT*****

This Report cancels and supersedes the Report No. 1548001980 Dated 10/04/2024 issued by SGS India.

JOE No. : 2448801054

400213117

Page 12 of 12

Control No.: 1548002686

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/terms> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. The laboratory shall be responsible for all the information provided in the report, except when information and instruction for specific scope of testing is provided by the customer. "Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. No decision rule is applied, when comparing the measurement result (s) with the applicable limit(s) according to the specification in the respective standard or as shared by the customer.