

SUBJECT: Spotcheck SKD-S2 Developer Aerosol

BATCH No: 230409

MANUFACTURE DATE: 28/04-09/05/2023

B.B.E.: APR/MAY 2026

Abnahmeprüfzeugnis DIN EN 10204 3.1
Certificat De reception
Certificado di collaudo
Keuringsrapport

We hereby certify that when tested at the time of manufacture, the above material:

1. Meets the requirements of and has been tested for sulfur and halogens according to:
 - a) ASME Boiler and Pressure Vessel Code, 2021 Edition, Section V, Non-destructive Examination.
 - b) Anion analysis by ASTM D129 decomposition followed by Ion Chromatography method Annex A4.
 - c) ASTM E-165/E-165M-18, Paragraph 7.1.
 - d) MIL-STD-2132E, March 29, 2016, Paragraph 6.1.3.
2. Meets the requirements of EN ISO 3452-1, EN ISO 3452-2, SAFRAN Pr 5000 / In 5000D, AMS 2644H and ASTM E 1417/E 1417M-21 Paragraph 5.1 & 6.5.1.
3. Conforms to the chemical specifications of the PMUC.
4. We further certify that the material does not contain mercury as a basic element and no mercury bearing equipment was used in its manufacture.

Test results obtained were as follows:

Ion	Batch Result
Sulfur:	0.0009 wt % of residue.
Chlorine + Fluorine:	0.0155 wt % of residue.

Specification: AMS 2644H Developer Results

When sampled according to paragraph 4.3.2 section 4.2.2.3 of AMS 2644H of AMS 2644H the following results were obtained:

Developer Tests	Section	Limit	Batch Result
Developer Fluorescence	3.3.10.2	Conforms	Conforms
Developer Removability	3.3.10.4	Conforms	Conforms
Redispersibility (Forms c, d & e only)	3.3.10.5	Conforms	Conforms

Specification: EN ISO 3452-2

When tested at the time of manufacture the following results were obtained. The information is derived from our quality checks. It does not relieve the purchaser from examining the product upon delivery and gives no assurance of the product for any particular purpose.

Einzeleigenschaft / Characteristic	Ermittlungen nach EN ISO 3452-2 Abschnitt	Anforderungen / Quality requirement	Ergebnis / Batch testing
Appearance	6.1	Equal to Std	Pass
Sensitivity	6.2	Equal to Std	Pass
Flashpoint	6.5	N/A	Aerosol -40°C
Corrosive Properties	6.11	No Corrosion on Magnesium Alloy	Pass
Solids Content	6.13	9.0 % – 15.0 % w/w	13.45 % w/w
Developer Performance	6.15	Equal to Std	Pass
Re-dispersability	6.16	Readily dispersed	Pass
Density of Carrier Fluid	6.17	0.746 – 0.825 g/cm ³	0.786 g/cm ³

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Certification is issued under the auspices of the Quality Assurance Manager.



(Authorised Employee)

For and on behalf of MAGNAFLUX (A DIVISION OF ITW LTD)

Notes:

1. Our batch number appears on the label of bulk containers. Aerosols have batch numbers printed on bottom of the container.
2. Most specifications require test results stated in percent, but some require parts per million (ppm). To convert "percent" figures to "parts per million" move the decimal four places to the right.
3. MIL-STD-271, MIL-STD-2132 and ASME Sec V, all require that materials be subject to a procedure to evaporate off volatile solvents before analysis for Sulfur and Halogens. According to these specifications, only those residues higher than 0.005 g/100ml shall be analysed for Sulfur and Halogens. Lower residues shall be reported.
4. The above certification gives the results obtained at the time of manufacture. Age and use may alter the properties of any material.