

SUBJECT: Spotcheck SKC-S Cleaner/Remover**BATCH No:** 200404**MANUFACTURE DATE:** 15-20/04/2020**B.B.E.:** APR 2023Abnahmeprüfzeugnis 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, 2019 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-2132D, 11 February 2003, Paragraph 7.1, 7.1.2, 7.1.3 and Appendix C, Paragraph 40.

Test results obtained were as follows:**Sulfur:** wt % of residue.**Chlorine + Fluorine:** wt % of residue.

Cleaner residue (see note 3) 0.0050/100g 0.0046 g/100ml

2. Meets the requirements of EN ISO 3452-1, EN ISO 3452-2, AMS 2644G and ASTM E 1417/E 1417M-16 Paragraph 5.1 & 6.5.1.

4.2.2.1 Penetrant Tests

Flashpoint (PMCC) (3.3.3)	:	N/A
Viscosity (3.3.4)	:	N/A
Fluorescent Brightness (3.3.8.3.2)	:	N/A
Water tolerance Method A, B, C, D only (3.3.8.5)	:	N/A
Penetrant Removability (3.3.8.6)	:	N/A
Water Content (3.3.8.7)	:	N/A

4.2.2.2 Emulsifier Tests

Flashpoint (PMCC) (3.3.3)	:	N/A
Viscosity (3.3.4)	:	N/A
Water Content Method D only (3.3.9.6)	:	N/A

4.2.2.3 Developer Tests

Developer Fluorescence (3.3.10.2)	:	N/A
Developer Removability (3.3.10.4)	:	N/A
Redispersibility (3.3.10.5)	:	N/A

3.3.11.4 Solvent Remover Tests

Penetrant Removal (4.4.11.2)	:	Conforms
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3. We further certify that the material does not contain mercury as a basic element and no mercury bearing equipment was used in its manufacture.

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



(Authorised Employee)

For and on behalf of MAGNAFLUX DIV 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. Bulk materials have a minimum shelf life of 5 years from date of manufacture. Aerosols have a minimum shelf life of 3 years from date of manufacture.
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.

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When tested at the time of manufacture the following results were obtained:

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
Density	6.3	0.684 – 0.756 g/cm ³	0702 g/cm ³
Flashpoint	6.5	N/A	Aerosol -40°C
Corrosive Properties	6.11	No Corrosion on Magnesium Alloy	Pass
Sulphur Content	6.12	< 200 ppm	<200 ppm
Halogen Content	6.12	< 200 ppm	<200 ppm
Residue on evaporation	6.13	< 5 mg per 100 ml	4.6 mg per 100 ml

Vorstehende Angaben sind die Ergebnisse unserer Qualitätsprüfung. Sie entbinden den Käufer nicht von einer Eingangsprüfung und haben nicht die Bedeutung, die Eignung des Produktes für einen konkreten Einsatzzweck zu sichern.

The above 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.

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



(Authorised Employee)

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

SUBJECT: Spotcheck SKC-S Cleaner/Remover**BATCH No:** SAMPLE**MANUFACTURE DATE:** 15-20/04/2020**B.B.E.:** APR 2023Abnahmeprufzeugnis DIN EN 10204 3.1
Certificat De reception
Certificado di collaudo
Keuringsrapport**VENDOR'S REPORT – TEST RESULTS**Please forward in duplicate to:
Reports, Materials Control Laboratory
Pratt & Whitney
(Plant to which material is shipped)This is to certify that Paragraph Numbers(s) 1 & 5 apply to the shipment below:

1. Applicable to all raw material, to parts, made from raw material furnished or purchased by vendor, or to assemblies of which some or all components are made from raw material furnished or purchased by vendor.) Material, parts, or components of assemblies have been inspected and accepted to the specifications involved, and results of tests required by Pratt & Whitney Aircraft are shown herein.
2. (Applicable to parts or assembly components made from raw material furnished by Pratt & Whitney Aircraft and not chemically or metallurgically treated by vendor so as to change surface or internal condition significantly.) Parts or assemblies have been machined or formed from material furnished by Pratt & Whitney Aircraft, to make these parts or components of assemblies.
3. (Applicable to parts or assembly components made from raw material furnished by Pratt & Whitney Aircraft and chemically or metallurgically treated by vendor so as to change surface or internal condition significantly.) Parts or components of assemblies have been made from raw material furnished by Pratt & Whitney Aircraft to make these parts or components of assemblies. Parts, components of assemblies have been inspected and accepted to the specifications involved, and results of tests required by Pratt & Whitney Aircraft are as shown herein.
4. (Applicable to repaired or reworked raw material, parts or assemblies.) The raw materials, parts or assemblies have been reworked or repaired in accordance with Pratt & Whitney Aircraft Instructions, and are the same material, parts or assemblies returned for such reworking or repair, except for replacement of assembly components, in which case paragraphs 1 and 5 are also applicable.
5. (Applicable to all assemblies, and to parts when specifically authorized by purchaser.) Results of all chemical and physical tests not shown below, as well as all other evidence which shows acceptability of raw materials and assembly components, are on file and available for inspection at any reasonable time.

PART OR ASS'Y NO. (Size if no Part No.) PMC 4366J		CHG. LTR.	SUF. NO. 1	SPECIFICATIONS, AS ORDERED PWA 300 Rev. BP	
QUANTITY	DATE SHIPPED		LOCATION OF PWA PLANT TO SHIPPED TO		PACK SLIP NO. P.O. NO.
HEAT, LOT, CODE OR BATCH NO. SAMPLE 200404		RAW MATERIAL VENDOR		TYPE-COMPOUND OR CASTING SKC-S	PWA HEAT CODES (if required)

If materials, parts or assemblies do not entirely conform to specification requirements, the deviation and authority for furnishing such materials are indicated below:

RESULTS OF TESTS (Use reverse side if necessary)

This is to certify that the shipment of materials has been representatively sampled and analysed according to the Quality Control Program of Magnaflux and that this material meets the specifications set forth by Pratt and Whitney per PMC 4366 Rev J. Used as a pre-cleaner, post-cleaner and penetrant remover for local applications. It is approved for use on steels, stainless steel, nickel-based alloys, cobalt-base alloys, aluminium, magnesium, titanium and titanium alloys.

Magnaflux certifies that SKC-S does NOT contain Polychlorinated Biphenyls (PCB'S)