

This export marking supersedes all existing export notes in this document.  
 U.S. Export Classification: EAR ECCN 9E991

|  |  |   |
|--|--|---|
| <b>Type Number</b><br>2704-0001  | <b>PROCESS MATERIAL CONTROL</b>  | <b>PMC 4564 Rev. D</b>  |
|  <b>Pratt &amp; Whitney</b><br><small>A United Technologies Company</small><br>Manufacturing<br>Material And Process<br>Documentation | <b>Marker,<br/>         High Purity, Black,<br/>         Trace Element Certified</b> | <b>Sheet 1 of 2</b><br><br><b>Issued: 12/08/06</b><br><br><b>Effective Date: 03/27/13</b> |

**WARNING**

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| Quantity | Tip Style | Product Code | PMC and Dash No. |
|----------|-----------|--------------|------------------|
| Each     | Fine      | 33404        | PMC 4564-1       |
| Each     | Medium    | 44404        | PMC 4564-2       |

These markers are used for temporary (as defined in [PWA 310](#)) marking engine parts made from steels, stainless steels, nickel-base alloys (including nickel superalloys), cobalt-base alloys, aluminum, magnesium, titanium, and titanium alloys.

These markers have been found acceptable per the requirements of [PWA 36700](#), Marking Materials.

**APPROVED MANUFACTURERS:** No substitutions allowed.

| MSDS No. | Manufacturer | Product                      |
|----------|--------------|------------------------------|
| 1        | ITW Dykem    | High Purity 33 Series Marker |
|          |              | High Purity 44 Series Marker |

**STANDARDS AND CONTROL:**

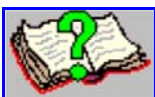
Manufacturing Material and Process Documentation Approved Product.

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**PRECAUTION:** Prior to using this material, review the [Material Safety Data Sheets](#) (MSDS) for proper handling and controls.

**NOTES TO SUPPLIER:**

- If applicable, mark each container with the name of the chemical or product and hazard warnings in compliance with the OSHA Hazard Communication standard; 29CFR 1910.1200.
- Material is subject to inspection and satisfactory performance at our plant. Shipments must be of the same materials, formulation, and physical properties as the sample approved by Pratt & Whitney. New or changed products must be approved by Pratt & Whitney prior to shipment. Notification of any changes to the products must be submitted in writing together with a new sample and a MSDS (or equivalent) meeting current OSHA requirements. Suppliers shall mark the MSDS with the P&W tool number and mail information to the address below.



To obtain assistance with the interpretation of this document or to make requests for revision, contact: Manufacturing Material and Process Documentation, 400 Main Street, M/S 102-30, East Hartford, CT 06108. Assistance may also be obtained by clicking on the link at left, or by calling ext. 5-9467 (TechNet 8-435-9467). Outside of Pratt & Whitney, call (860) 565-9467 or fax (860) 755-3384. For further information, refer to [PMC INTRO](#).

\* Revised

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Ø Added

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**PRODUCT IDENTIFICATION MARKING (minimum):**

The supplier shall mark each package of markers (a label is acceptable), in characters appropriate to the size of the package, with the following information:

- PMC and Dash Number
- Manufacturer's Name and Product Designation

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