

Title: Material – Ammonium Bi Fluoride Activator

MS-102 E

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Supersedes: 02-Jul-13
Effective: 15-Mar-16

1.0 Purpose

The intent of this document is to establish the chemical requirements for the activator used in Meyer Tool's CVD aluminide coating process.

2.0 Material Description

- 2.1 Each lot supplied must be accompanied with a **Certificate of Analysis.** The material must be a Technical or Analytical Reagent Grade of Ammonium BiFluoride having a chemical symbol **NH**₄•**HF**₂. Alternate technical names for this product are Ammonium Fluoride Acid and Ammonium Hydrogen DiFluoride. The UN symbol is UN1727.
- 2.2 ASSAY 96 minimum (rounded to the nearest whole number).
- 2.3 The material must be supplied in the Crystal Form.

3.0 **Packaging**

The vendor's normal packaging is acceptable

4.0 MSDS

The vendor must supply an MSDS with the first shipment and thereafter if requested.

5.0 **Labeling**

The vendor's customary labeling is acceptable.

Date	Date	
Prepared by	Approved	

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Revision History

Rev. Ltr.	Parg.	Description of Revision	Date Rev.	Rev. By
Orig.	All	New procedure	19-May-00	D. Olson
A	3.1	Changed NH ₄ H•HF to NH ₄ •HF ₂	1-Feb-02	D. Olson
A	3.2	Added 'ASSAY minumum of 96'	1-Feb-02	D. Olson
В	4.0	Removed vendor list	11-Nov-04	KJ
В	3.0	Added alternate name	11-Nov-04	KJ
В	7.0	Reomoved section	11-Nov-04	KJ
С	1.0	Redefined purpose	20-Aug-08	KJ
С	2.0	Removed this section, moved all other up by 1	20-Aug-08	KJ
D	2.2	Added statement for rounding assay % to the nearest whole number	2-Jul-2013	ОВ
Е	2.1	Clarified that each lot must be provided with cert	15-Mar- 2016	KJ