Title: Material - Ammonium Bi Fluoride Activator

MS-102 F

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Supersedes: 15-Mar-16
Effective: 28-Mar-22

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 **NH**₄•**HF**₂. The UN symbol is UN1727. Possible names include, but are not limited to, Ammonium BiFluoride, Ammonium Fluoride, Ammonium Hydrogen DiFluoride, and Ammonium Hydrogen Fluoride.
- 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	KEITH JONES	Approved	BRIDGET NOLAN

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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	Removed 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	OB
Е	2.1	Clarified that each lot must be provided with cert	15-Mar-2016	KJ
F	2.1	Added more alternative names for the material	28-Mar-2022	K. Jones
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