

MATERIAL SAFETY DATA SHEET

This form may be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200.

IDENTITY (As Used on Label and List): **Hafnium fluoride, powder and pieces**

Product Code: **H-MSDS0003** Reference #: **13709-52-9**

SECTION I - PRODUCT IDENTIFICATION

Hafnium fluoride, powder and pieces

MANUFACTURER NAME AND ADDRESS:

ProChem, Inc.
826 Roosevelt Rd.
Rockford IL 61109

TELEPHONE NUMBERS:

CHEMTREC	(800)424-9300
ProChem, Inc.	(800) 795-8788
Local Poison/Emrgncy	() - 911

DATES:

Date Created:
11/08/1990
Revision: 11/05/2002
Printed: 01/28/2004

SYNONYMS

Hafnium fluoride

CHEMICAL FAMILY: Metal halide

DOT HAZARD LABEL: No data.

FORMULA: HfF4

MOLECULAR WEIGHT: 254.48

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hafnium fluoride, powder and pieces

HAZARDOUS COMPONENTS (CHEMICAL NAME)

<u>NAME:</u>	Hafnium fluoride	<u>PERCENTAGE:</u>	0.0 -100.0 %
<u>CAS #:</u>	13709-52-9	<u>ACGIH TLV:</u>	2.5 mg(F)/m3
<u>OSHA PEL:</u>	2.5 mg(F)/m3	<u>SEC.304 RO:</u>	No
<u>OTHER LIMITS:</u>	NE		
<u>SEC.302 (EHS):</u>	No		
<u>SEC.313:</u>	No		

<u>NAME:</u>	NA	<u>PERCENTAGE:</u>	0.0 -100.0 %
<u>CAS #:</u>	NA	<u>ACGIH TLV:</u>	.5 mg(Hf)/m3
<u>OSHA PEL:</u>	.5 mg(Hf)/m3	<u>SEC.304 RO:</u>	No
<u>OTHER LIMITS:</u>	NE		
<u>SEC.302 (EHS):</u>	No		
<u>SEC.313:</u>	No		

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Hafnium fluoride, powder and pieces

PHYSICAL STATES:

Gas , Liquid , Solid