

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 carbide, powder and pieces**
Product Code: **H-MSDS0007** Reference #: **12069-85-1**

SECTION I - PRODUCT IDENTIFICATION Hafnium carbide, 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 () - 911
Poison/Emrgncy

DATES:

Date Created: 05/16/1990
Revision: 04/13/1994
Printed: 01/28/2004

SYNONYMS

Hafnium carbide

CHEMICAL FAMILY: Metal carbide

DOT HAZARD LABEL: No data.

FORMULA: HfC

MOLECULAR WEIGHT: 190.50

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION Hafnium carbide, powder and pieces

HAZARDOUS COMPONENTS (CHEMICAL NAME)

<u>NAME:</u>	Hafnium carbide	<u>PERCENTAGE:</u>	0.0 -100.0 %
<u>CAS #:</u>	12069-85-1	<u>ACGIH TLV:</u>	0.5mg(Hf)/m3
<u>OSHA PEL:</u>	0.5mg(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 carbide, powder and pieces

<u>PHYSICAL STATES:</u>	[] Gas , [] Liquid , [X] Solid
<u>BOILING POINT:</u>	N.A.
<u>MELTING POINT:</u>	3890.00 C (7034.0 F)
<u>SPECIFIC GRAVITY (WATER = 1):</u>	12.2 gm/cc
<u>DENSITY:</u>	No data.
<u>VAPOR PRESSURE (VS. AIR OR MM HG):</u>	NA
<u>VAPOR DENSITY (VS. AIR = 1):</u>	NA