

MATERIAL SAFETY DATA SHEET

PRMI

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SECTION 1 Product Identification

CHEMICAL NAME: HAFNIUM HYDRIDE
CHEMICAL FAMILY: Metal Hydride
FORMULA: HfH₂
PRODUCT NO: 1956
CAS REGISTRY NUMBER: 12770-26-2

SECTION 2 Composition and Information on Ingredients

INGREDIENT:	CAS#	%	ACGIH (TWA)	OSHA (PEL)
Title Compound	12770-26-2	100	0.5 (Hf)/m ³	0.5 (Hf)/m ³

SECTION 3 Hazards Identification

EMERGENCY OVERVIEW: Flammable Solid. Water and Moisture Reactive Toxic by inhalation.

EYE CONTACT: Causes redness, itching, watering

SKIN CONTACT: May cause irritation

INHALATION: Harmful if inhaled. Causes irritation to nasal cavity and respiratory tract.

INGESTION: No Data

TARGET ORGANS: May affect liver.

CHRONIC EFFECTS: No Data

SECTION 4 First Aid Measures

EYE EXPOSURE: Immediately flush the eyes with copious amounts of water (lukewarm if possible) for several minutes. Assure flushing under eyelids. A victim may need assistance in keeping their eyelids open. Get immediate medical attention.

SKIN EXPOSURE: Wash affected area with soap and copious amounts of water. Remove contaminated clothes if necessary. Seek medical assistance immediately if irritation, redness persist, or if burns develop.

INHALATION: Remove victim to fresh air. Closely monitor the victim for signs of respiratory problems, such as difficulty in breathing, coughing, wheezing, or pain. Give oxygen if necessary. Give CPR if not breathing. Seek immediate medical care.

INGESTION: Seek medical attention immediately.