



MATERIAL SAFETY DATA SHEET  
COMPLIES WITH 29 CFR 1910.1200.  
OSHA HAZARD COMMUNICATION RULE

DATE OF LAST REVISION: 05-15-96

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## CHEMICAL IDENTITY

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LABEL IDENTITY	<b>RHODIUM</b>
CHEMICAL NAME/SYNONYMS	<b>RHODIUM</b>
FORMULA	<b>Rh</b>
CHEMICAL FAMILY	<b>Metallic element</b>
CAS REGISTRY NUMBER	<b>NA</b>
HAZARDOUS INGREDIENTS	<b>NA</b>

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## PHYSICAL AND CHEMICAL PROPERTIES

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COLOR, FORM AND ODOR	<b>Silvery-white solid metallic, no odor</b>
BOILING POINT	<b>8132°F</b>
DENSITY (gm/cc)	<b>NA</b>
VAPOR PRESSURE @ 20°	<b>NA</b>
% VOLATILE BY VOLUME (%)	<b>NA</b>
REACTION WITH WATER	<b>NA</b>
EVAPORATION RATE (H2O=1)	<b>NA</b>
SOLUBILITY	<b>INSOLUABLE</b>
OTHER: SPECIFIC GRAVITY:	<b>12.41</b>

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## FIRE AND EXPLOSION HAZARD DATA

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FLASH POINT	<b>Flammable in powder form</b>
EXTINGUISHING MEDIA	<b>NA</b>
SPECIAL FIRE FIGHTING PROCEDURES <b>and</b>	<b>At high temperatures this metal could melt</b>
UNUSUAL FIRE & EXPLOSION HAZARDS	<b>with continued heating produce metal vapors. In powder form maybe flammable.</b>

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## HEALTH HAZARD INFORMATION

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THRESHOLD LIMIT VALUE.....	<b>See Section II</b>
EFFECTS OF OVEREXPOSURE.....	<b>Not Available</b>
EMERGENCY FIRST AID PROCEDURES.....	<b>Not Available</b>
HMIS RATING:	

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## REACTIVITY DATA

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STABILITY	<b>Stable</b>
CONDITIONS TO AVOID	<b>NA</b>
HAZARDOUS DECOMPOSITION PRODUCTS	<b>NA</b>
HAZARDOUD POLYMERZATION	<b>Will not occur</b>
INCOMPATIBILITY (MATERIALS TO AVOID)	<b>NA</b>



## RHODIUM MATERIAL SAFETY DATA SHEET

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### SAFE HANDLING AND USE

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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

**As metal no hazard, as powder avoid inhalation of dust material.**

WASTE DISPOSAL METHOD:

**As with any metal has reclaim value, disposal must comply with federal, state, and local discharge**

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### SPECIAL PROTECTIVE INFORMATION

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RESPIRATORY PROTECTION	<b>If used in powder form.</b>
LOCAL EXHAUST	<b>During melting operation</b>
MECHANICAL (general)	<b>NA</b>
SPECIAL	<b>NA</b>
OTHER	<b>NA</b>
PROTECTIVE GLOVES	<b>Rubber</b>
EYE PROTECTION	<b>Safety glasses or goggles are recommended.</b>
WORK/HYGENIC PRACTICES	<b>ND</b>

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### SPECIAL PRECAUTIONS

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PRECAUTIONS TO BE TAKEN IN HANDLING/STORAGE: **Inhalation of dust should be avoided.**

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THE ABOVE INFORMATION IS ACCURATE TO THE BEST OF OUR KNOWLEDGE. HOWEVER, SINCE DATA, SAFETY STANDARDS AND GOVERNMENT REGULATIONS ARE SUBJECT TO CHANGE THE CONDITIONS OF HANDLING AND USE, OR MISUSE ARE BEYOND OUR CONTROL, **ANGSTROM SCIENCES** MAKE NO WARRANTY, EITHER EXPRESSED OR IMPLIED, WITH RESPECT TO THE COMPLETENESS OR CONTINUING ACCURACY OF THE INFORMATION CONTAINED HEREIN AND DISCLAIMS ALL LIABILITY FOR THE RELIANCE THEREON. USER SHOULD SATISFY HIMSELF THAT HE HAS ALL CURRENT DATA RELEVANT TO HIS PARTICULAR USE.

**NA= NOT APPLICABLE**

**ND= NO DATA FOUND**