MATERIAL SAFETY DATA SHEET
OSHA HAZARD COMMUNICATION RULE

DATE OF LAST REVISION: 05-15-96

CHEMICAL IDENTITY

LABEL IDENTITY
CHEMICAL NAME/SYNONYMS
FORMULA
CHEMICAL FAMILY
CAS REGISTRY NUMBER
HAZARDOUS INGREDIENTS

RHODIUM
RHODIUM
Rh
Metallic element
NA
NA

PHYSICAL AND CHEMICAL PROPERTIES

COLOR, FORM AND ODOR
BOILING POINT
DENSITY (gm/cc)
VAPOR PRESSURE @ 20°
% VOLATILE BY VOLUME (%)
REACTION WITH WATER
EVAPORATION RATE (H2O=1)
SOLUBILITY
OTHER: SPECIFIC GRAVITY:

Silvery-white solid metallic, no odor
8132°F
NA
NA
NA
NA
INSOLUBLE
12.41

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT
EXTINGUISHING MEDIA
SPECIAL FIRE FIGHTING PROCEDURES
UNUSUAL FIRE & EXPLOSION HAZARDS

Flammable in powder form
NA
At high temperatures this metal could melt
with continued heating produce metal vapors.
In powder form maybe flammable.

HEALTH HAZARD INFORMATION

THRESHOLD LIMIT VALUE
EFFECTS OF OVEREXPOSURE
EMERGENCY FIRST AID PROCEDURES
HMIS RATING:

See Section II
Not Available
Not Available

REACTIVITY DATA

STABILITY
CONDITIONS TO AVOID
HAZARDOUS DECOMPOSITION PRODUCTS
HAZARDOUS POLYMERIZATION
INCOMPATIBILITY (MATERIALS TO AVOID)

Stable
NA
NA
Will not occur
NA
**SAFE HANDLING AND USE**

**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**

<table>
<thead>
<tr>
<th>RESPIRATORY PROTECTION</th>
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<tbody>
<tr>
<td>If used in powder form.</td>
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<table>
<thead>
<tr>
<th>LOCAL EXHAUST</th>
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<tbody>
<tr>
<td>During melting operation</td>
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<table>
<thead>
<tr>
<th>MECHANICAL (general)</th>
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</thead>
<tbody>
<tr>
<td>NA</td>
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<table>
<thead>
<tr>
<th>SPECIAL</th>
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<table>
<thead>
<tr>
<th>OTHER</th>
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<td>NA</td>
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<table>
<thead>
<tr>
<th>PROTECTIVE GLOVES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rubber</td>
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<th>EYE PROTECTION</th>
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<tr>
<td>Safety glasses or goggles are recommended.</td>
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<tr>
<th>WORK/HYGENIC PRACTICES</th>
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**SPECIAL PRECAUTIONS**

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

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**NA= NOT APPLICABLE**

**ND= NO DATA FOUND**