

CERTANIUM ALLOYS & RESEARCH CO/PREMIER INDUSTR INC -- CERTANIUM 34C,(14672) --  
3439-01-161-6500

===== Product Identification =====

Product ID: CERTANIUM 34C,(14672)

MSDS Date: 01/01/1987

FSC: 3439

NIIN: 01-161-6500

MSDS Number: BGPLH

=== Responsible Party ===

Company Name: CERTANIUM ALLOYS & RESEARCH CO/PREMIER INDUSTR INC

Address: 4415 EUCLID AVE

City: CLEVELAND

State: OH

ZIP: 44103-3733

Country: US

Info P

Phone Num: 216-391-8300

Emergency Phone Num: 216-391-8300

CAGE: 61404

=== Contractor Identification ===

Company Name: CERTANIUM ALLOYS & RESEARCH CO

Address: 4500 EUCLID AVENUE

Box: City: CLEVELAND

State: OH

ZIP: 44103-1395

Country: US

Phone: 216-391-8300

CAGE: 61404

===== Composition/Information on Ingredients =====

Ingred Name: AMMONIUM CHLORIDE (SARA III)

CAS: 12125-02-9

RTECS #: BP4550000

Fraction by Wt: 1-10%

OSHA PEL: 10 MG/M3/20 STEL

ACGIH TLV: 10 MG/M3 FUME; 9192

EPA Rpt Qty: 5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:SILVER (SARA III)

CAS:7440-22-4

RTECS #:VW3500000

Fraction by Wt: 1-10%

OSHA PEL:0.01 MG/M3

ACGIH TLV:0.1 MG/M3; 9192

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:TIN

CAS:7440-31-5

RTECS #:XP7320000

Fraction by Wt: >30%.

OSHA PEL:2 MG/M3

ACGIH TLV:2 MG/M3; 9192

Ingred Name:MFR'S MSDS INDICATE VALUES REPRESENT A RANGE TO PROTECT  
PROPRIETARY FORMULA & VALUES ARE FOR MATERIAL IN FUME STATE.

RTECS #:9999999ZZ

=====  
===== Hazards Identification =====  
=====

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES

Health Hazards Acute and Chronic:NONE CITED;ACUTE:WELDER'S FUME FEVER,  
ACCOMPANIED BY SYMPTOMS SUCH AS DIZZINESS, NAUSEA, ETC.

Effects of Overexposure:INHAL: SHORT TERM OVEREXPOSURE TO WELDING FUMES  
MAY RESULT IN DIZZINESS, NAUSEA, OR DRYNESS OF NOSE, THROAT, & EYE  
IRRITATION.

Medical Cond Aggravated by Exposure:NOT CITED.

=====  
===== First Aid Measures =====

First Aid:INHA

L: REMOVE TO FRESH AIR, & OBTAIN MEDICAL ATTN.

=====  
===== Fire Fighting Measures =====

Flash Point:NONE

Extinguishing Media:MATERIAL IS NON-FLAMMABLE; USE MEDIA APPROPRIATE  
FOR SURROUNDING FIRE.

Fire Fighting Procedures:NONE

Unusual Fire/Explosion Hazard:NONE REPORTED.

=====  
===== Handling and Storage =====

Handling and Storage Precautions:NONE CITED.

Other Precautions:ARC & SPARK COULD BE SOURCE OF IGNITION OF  
COMBUSTIBLE MAT

ERIALS.

=====  
===== Exposure Controls/Personal Protection =====

Respiratory Protection:WELD FUME RESPIRATOR OR AIRLINE RESPIRATOR FOR  
CONFINED SPACE OR WHERE EXPOSURES ARE ABOVE TLV.  
Ventilation:LOCAL EXHAUST & MECHANICAL (GENERAL)N- REFER TO ANSI Z49.1.  
Protective Gloves:WELDER'S PROTECTIVE GLOVES.  
Eye Protection:FACE SHIELD & COLORED ABSORPTIVE LENS.  
Other Protective Equipment:WELDER'S LEATHER PROTECTIVE APRONS,  
LEGGINGS, & COATS.  
Work Hygienic Practices:NONE CITED.  
Suppl  
emental Safety and Health

=====  
===== Physical/Chemical Properties =====

HCC:N1  
Appearance and Odor:METALLIC OBJECT IN A "SPOOL" CONFIGURATION.

=====  
===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES  
NONE  
Stability Condition to Avoid:NONE CITED.  
Hazardous Decomposition Products:NONE CITED.

=====  
===== Disposal Considerations =====

Waste Disposal Methods:NONE CITED.

Disclaimer (provided  
with this information by the compiling agencies):  
This information is formulated for use by elements of the Department  
of Defense. The United States of America in no manner whatsoever,  
expressly or implied, warrants this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competent professional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.