

METCO INCORPORATED (SUBDIV OF PERKIN-ELMER) -- METCO 447, 447NS -- 3439-01-185-7694

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Product Identification  
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Product ID:METCO 447, 447NS

MSDS Date:02/04/1993

FSC:3439

NIIN:01-185-7694

MSDS Number: BGQBS

=== Responsible Party ===

Company Name:METCO INCORPORATED (SUBDIV OF PERKIN-ELMER)

Address:1101 PROSPECT AVENUE

City:WESTBURY

State:NY

ZIP:11590-2799

Country:US

Info Phone Num:516-334-13

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Emergency Phone Num:516-334-1300

CAGE:HO565

=== Contractor Identification ===

Company Name:METCO INC, SUB OF THE PERKIN-ELMER CORP

Address:1101 PROSPECT AVENUE

Box:City:WESTBURY

State:NY

ZIP:11590-2724

Country:US

Phone:516-334-1300

CAGE:39918

Company Name:METCO INCORPORATED

Address:1101 PROSPECT AVENUE

Box:1006

City:WESTBURY

State:NY

ZIP:11590-2799

Country:US

Phone:516-334-1300

CAGE:HO565

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Composition/Information on Ingredients  
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Ingred Name:NICKEL (SARA III)

CAS

:7440-02-0  
RTECS #:QR5950000  
Fraction by Wt: 86%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:1 MG/M3  
ACGIH TLV:1 MG/M3; 9394

Ingred Name:ALUMINUM (SARA III)  
CAS:7429-90-5  
RTECS #:BD0330000  
Fraction by Wt: 6%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:15MG/M3 DUST/5 FUME  
ACGIH TLV:10MG/M3 DUST; 9394

Ingred Name:MOLYBDENUM  
CAS:7439-98-7  
Fraction by Wt: 6%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:ORGANIC BINDER  
Fraction by Wt: 2%  
Other REC Limits:NONE RECOMMENDED

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Hazard Identification =====

Effects of Overexposure:NAUSEA,TIGHTNESS OF CHEST,FEVER,LOSS OF CONSCIOUSNESS,RESPIRATOR IRR.

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First Aid Measures =====

First Aid:SKIN:WASH WITH SOAP AND WATER. EYES: FLUSH WITH WATER.  
INHALED: REMOVE TO FRESH AIR. REMOVE CONTAMINATED CLOTHING. IF IRR. PERSIST,CONSULT PHYSICIAN.

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Fire Fighting Measures =====

Flash Point:NONE  
Extinguishing Media:DRY POWD

ER(NACL,NA\*2CO\*3,GRAPHITE,MGCO\*3,MGO)

Fire Fighting Procedures:TREAT AS METALLIC FIRE.

Unusual Fire/Explosion Hazard:MODERATE FIRE HAZ.IN THE FORM OF DUST.

===== Accidental Release Measures =====

Spill Release Procedures:MTL THAT IS SPILLED ONTO THE FLOOR MAY BECOME AIRBORNE BY NORMAL PLANT ACTIVITY.GOOD HOUSEKEEPING BY SWEEPING THE AREA CLEAN IS NECESSARY TO REMOVE THESE MTLs.FROM BECOMING A SOURCE OF AIR CONTAM.PLAC ED SPILLED POWDER IN SUITABLE DISPOS

AL  
CONTAINERS.

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

Handling and Storage Precautions:AVOID EXCESSIVE SKIN CONTACT,ORAL INGESTION.

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

Respiratory Protection:NIOSH APPVD RESP.FOR DUST/FUMES/MISTS.

Ventilation:LOCAL EXHAUST W.AIR VELOCITY OF 200FPM.

Protective Gloves:ALUMINIZED

Eye Protection:SEE SUPPL.DATA.

Other Protective Equipment:EAR PROTECTION-ALUMINIZED APRON.

Supplemental Safety and H  
ealth

MSDS DATED 08-12-86/EYE PROTECTION:COMB.SPRAY,SHADE 5;PLASMA SPRAY UP TO 40KW,SHADE 9;PLASMA SPRAY 40-60KW,SHADE 10;PLASMA SPRAY>60KW,SHADE 11/

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

HCC:N1

Melt/Freeze Pt:M.P/F.P Text:1300F,704C

Spec Gravity:2.0

Evaporation Rate & Reference:0.

Solubility in Water:NEGL.

Appearance and Odor:POWDER-NO ODOR

Percent Volatiles by Volume:0.

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

Stability

Indicator/Materials to Avoid: YES

NOT SPECIFIED

Stability Condition to Avoid: AVOID EXCEEDING TLV 30MG/CUM NITRIC OXIDE  
AND 0.2 FOR OZONE

Hazardous Decomposition Products: DUST, FUMES, MIST, CHLORINATED  
HCBN, PHOSGENE, O<sub>3</sub>, NITRIC OXIDE

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

Waste Disposal Methods: KEEP IN COVERED DRUMS, PENDING DISPOSAL. HANDLE &  
DISPOSE IN FULL COMPLIANCE WITH ALL APPLICABLE  
INTERNATIONAL, FEDERAL, STATE, & LOCAL REGULATIONS.

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