

METCO INC, SUB OF THE PERKIN-ELMER CORP -- METCO 307 NS -- 3439-01-034-1253

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Product Identification  
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Product ID:METCO 307 NS

MSDS Date:09/01/1992

FSC:3439

NIIN:01-034-1253

MSDS Number: BSYKY

=== Responsible Party ===

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

Address:1101 PROSPECT AVENUE

Box:1006

City:WESTBURY

State:NY

ZIP:11590-0201

Country:US

Info Phone Num:516-334-1300/OUTS

IDE: 202-483-7616

Emergency Phone Num:516-334-1300/800-424-9300(CHEMTREC)

CAGE:39918

=== 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

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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: 74.5%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1 MG/M3

ACGIH TLV

:1 MG/M3; 9394

Ingred Name:COBALT (SARA III)  
CAS:7440-48-4  
RTECS #:GF8750000  
Fraction by Wt: 0.5%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:0.05 MG/M3  
ACGIH TLV:0.05 MG/M3;DUST 9394

Ingred Name:CARBON BLACK OR ACTIVATED CARBON  
CAS:7440-44-0  
RTECS #:FF5250100  
Fraction by Wt: 25.0%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:15 MG/M3 TDUST  
ACGIH TLV:2 MG/M3 RDUST; 9394

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

LD50 LC50 Mixture:LD50 (ORAL RAT) IS NOT RELEVANT.

Route  
s of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO  
Health Hazards Acute and Chronic:ACUTE- HAZARD BY INHALATION & SKIN  
CONTACT. MAY CAUSE EYE & UPPER RESPIRATORY TRACT IRRITATION  
RESULTING IN RESPIRATORY SENSITIZATION. MAY CAUSE ALLERGIC  
DERMATITIS/ECZEMA. CHRONIC- MAY CAUSE CANCERS OF LUNG & NASAL  
SINUSES, SKIN DERMATITIS. TARGET ORGANS:EYES, SKIN, LUNGS.  
Explanation of Carcinogenicity:CONTAINS NICKEL.  
Effects of Overexpos  
ure:EYES AND UPPER RESPIRATORY TRACT IRRITATION,  
SKIN DERMATITIS OR ECZEMA, COUGH, WHEEZING AND SHORTNESS OF BREATH.  
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN  
DISORDERS, EYE PROBLEMS OR IMPAIRED RESPIRATORY FUNCTION MAY BE  
MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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

First Aid:OBTAIN MEDICAL ATTENTION IF NEEDED. EYES:FLUSH WITH WATER FOR  
15 MINUTES. KEEP EYELIDS OPEN. SKIN:WASH WIT

H SOAP & WATER.

INHALATION:MOVE TO FRESH AIR. INGESTION:CALL PHYSICIAN/POISON CONTROL CENTER IMMEDIATELY.

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

Flash Point:NONE

Extinguishing Media:USE CLASS D FIRE EXTINGUISHER.

Fire Fighting Procedures:TREAT AS A METALLIC FIRE. WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:METAL POWDER DUST MAY PRESENT A FIRE/EXPLOSION HAZARD UNDER FAVORABLE CONDITIONS (PARTICLE SIZE & STRONG IGNITION SOURCE). WELDING ARC CAN IGNITE COMBUSTIBLES.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENTS. VENTILATE AREA. VACUUM LOOSE POWDER ONLY WITH VACUUMS EQUIPPED WITH HEPA FILTERATION. WET WIPE AREA CLEAN. DO NOT DRY SWEEP. PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL. AVOID RAISING DUST.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN A DRY, WELL-VENTILATED PLACE AWAY FROM INCOMPATIBLES. KEEP CONTAINER TIGHTLY CLOSED. STORE IN A MANNER TO MINIMIZE PUNCTURES TO CONTAINERS.

Other Precautions:AVOID INGESTION, INHALATION AND EXCESSIVE SKIN CONTACT. AVOID BREATHING OF FUMES. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING AND DRINKING. REMOVE CONTAMINATED CLOTHING. LAUNDRY BEFORE REUSE.

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

Respiratory Protection:USE NIOSH APPROVED SUPPLIED AIR RESPIRATORY PROTECTION OR RESPIRABLE FUME/DUST RESPIRATOR WHEN WELDING, SOLDERING OR DURING THERMAL SPRAY PROCESS IN CONFINED SPACE OR WHERE LOCAL EXHAUST OR VENTILATION DOES NOT KEEP EXPOSURE BELOW TLV.

Ventilation:LOCAL EXHAUST VENTILATION SHOULD BE USED TO CONTROL EXPOSURE TO AIRBORNE FUMES OR DUST WHENEVER POSSIBLE.

Protective Gloves:FLAME-PROOF WELDING GLOVES

Eye Protection:SAFETY GLASSES

ASSES UNDER WELDING HELMET

Other Protective Equipment:EYE WASH STATION, SAFETY SHOWER, WORK CLOTHING, APRON FOR WELDING AND EAR PROTECTION (TO AVOID EXCESSIVE NOISE)

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health

FORMULA CHANGED. FOR PREVIOUS FORMULATION, SEE PNI A UNDER THE SAME NSN.

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

HCC:T6

NRC/State Lic Num:NOT RELEVANT

Melt/Freeze P

t:M.P/F.P Text:2200-2800F

Spec Gravity:7.6

Viscosity:NOT RELEVANT

Evaporation Rate & Reference:NOT RELEVANT

Solubility in Water:INSOLUBLE

Appearance and Odor:POWDER - NO ODOR

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

Stability Indicator/Materials to Avoid:YES

OXIDIZERS, ACIDS, SULFUR, NICKEL NITRATE "NI(NO3)2", WOOD, COMBUSTIBLES

Stability Condition to Avoid:STRONG IGNITION SOURCES, WELDING ARCS

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,

NITROGEN OXIDE, METAL OXIDES, NICKEL OXIDES

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

Waste Disposal Methods:PRIOR TO DISPOSAL, CONSIDER IF MATERIAL HAS RECOVERY VALUE. EMPTY PRODUCT CONTAINERS, PROUCT WASTE AND CLEANING MEDIA SHOULD BE DISPOSED OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS. PREVENT WASTE FROM CONTAMINATING ENVIRONMENT.

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