

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

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

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/OUTSIDE: 202-483-7616

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

HEMTREC)

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

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

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

RTEC

S #: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.
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carc
inogenicity: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 Overexposure:EYES AND UPPER RESPIRATORY TRACT IRRITATION,
SKIN DERMATI
TIS 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 WITH SOAP & WATER.
INHALATION:MOVE TO FRESH AIR. INGESTION:CALL
PHYSICIAN/POISON
CONTROL CENTER I MMEDIATELY.

===== 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
FILTRATION. WET WIPE AREA CLEAN. DO NOT DRY SWEEP. PLACE IN A BAG
AND HOLD FOR WASTE DISPOSAL. AVO ID RAISING DUST.
Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN A DRY, WE
LL-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 CLOT HING. LAUNDER 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 SPARY PROCESS IN CONFINED SPACE OR
WHERE LOCAL EXHAUST OR VENTILATIO N 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 UNDER WELDING HELMET
Other Protective Equipment:EYE WASH ST
ATION, 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 Pt: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

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= 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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