View NSN Online: https://aerobasegroup.de/nsn/3439-01-027-9242

METCO -- 81VFNS -- 3439-01-027-9242

Product ID:81VFNS

MSDS Date:08/15/1989

FSC:3439

NIIN:01-027-9242

MSDS Number: BGFSH
=== Responsible Party ===
Company Name:METCO

Address:1101 PROSPECT AVE

City:WESTBURY

State:NY ZIP:11590 Country:US

Info Phone Num:516-334-1300

Emergency Phone Num:516-824-2315

CAGE:FO880

=== Contractor Identification ===

Company Name: METCO

Addre

ss:1101 PROSPECT AVE

City:WESTBURY

State:NY ZIP:11590

Phone: (516) 334-1300

CAGE:FO880

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: GRAPHITE, SYNTHETIC

CAS:7440-44-0 RTECS #:FF5250100

Other REC Limits: NONE SPECIFIED

OSHA PEL:15 MG/M3 TDUST

ACGIH TLV:2 MG/M3 TDUST; 9293

Ingred Name: IRON OXIDE FUME

CAS:1309-37-1

RTECS #:NO7400000

Other REC Limits: NONE SPECIFIED

OSHA PEL:10 MG/M3 (FE)

ACGIH TLV:5 MG/M3(FE),B2; 9293

Ingred Name: CHROMIUM (SARA III)

CAS:7440-47-3

RTECS #:GB4200000

Other REC Limits: NONE SPECIFIED

OSHA PEL:1 MG/M3

ACGIH TLV:0.5 MG/M3; 9293

EPA Rpt Qty:1 LB DOT Rpt Qty:1 LB

Ingred Name: MANGANESE (SARA III)

CAS:7439-96-5

RTECS #: OO9275000

Other REC Limits: NONE SPECIFIED

OSHA PEL:(C) 5 MG/M3 DUST ACGIH TLV:5 MG/M3 DUST 9293

7.0011 1EV.3 MO/M3 D001 3230

Ingred Name: NICKEL (SARA III)

CAS:7440-02-0

RTECS #

:QR5950000

Other REC Limits: NONE SPECIFED

OSHA PEL:1 MG/M3

ACGIH TLV:1 MG/M3; 9293

Ingred Name: SILICON

CAS:7440-21-3

RTECS #: VW0400000

Other REC Limits: NONE SPECIFIED

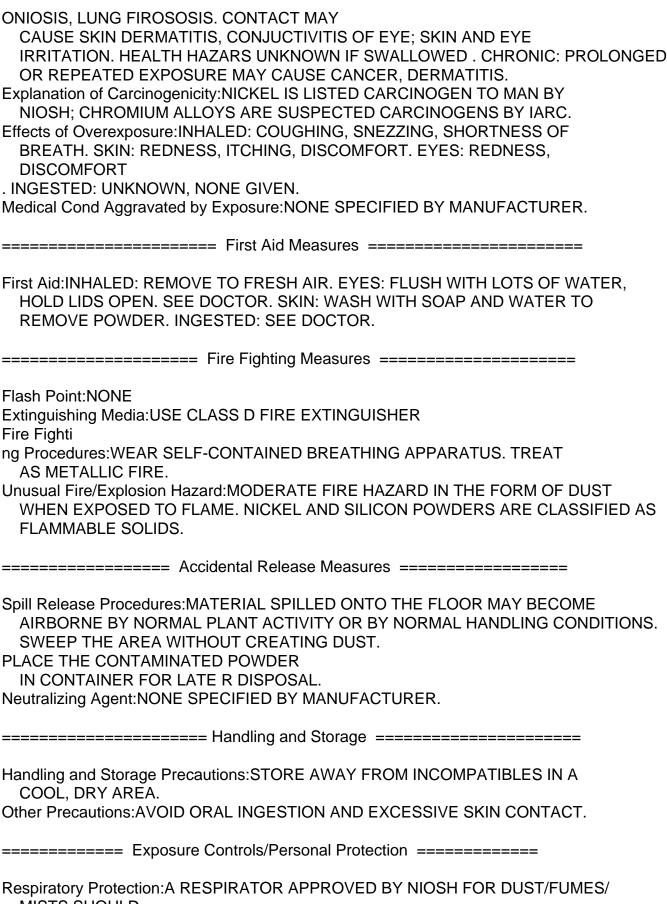
OSHA PEL:15 MG/M3 TDUST

ACGIH TLV:10 MG/M3 TDUST; 9293

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

Health Hazards Acute and Chronic: ACUTE: INHALATION MAY CAUSE

RESPIRATORY IRRITATION, PNEUMOC



MISTS SHOULD

BE WORN AT ALL TIMES DURING THE THERMAL SPRAY PROCESS
TO PROTECT OPERATOR FROM DUST & FUMES. USE IN ACCORDANCE WITH 29
CFR 1910.134.

Ventilation: VENTILATION EQUIPMENT DESIGNED TO CREATE AN AIR VELOCITY OF 200 FPM.

Protective Gloves: ALUMINIZED GLOVES DURING PLASMA SPRAY

Eye Protection: SEE SUPPLEMENTAL DATA

Other Protective Equipment:WEAR ALUMINIZED APRON DURING PLASMA SPRAYPROCESS.

Work Hygienic Practices: WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER C

ONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

MANUFACTURER RECOMMENDS FOLLOWING LENS SHADES: COMBUSTION SPRAYING SHADE #5,PLASMA SPRAYING UP TO 40 KW SHADE #9, 40 TO 60 KW SHADE #10 & GREATER THAN 60 KW SHADE #11. EAR PROTECTION MUST BE WORN WHEN THE OPERATOR IS SUBJECTED TO EXCESSIVENOISE LEVEL.

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

HCC:N1

Melt/Freeze Pt:M.P/F.P Text:>2200F,>120

Spec Gravity:2.8

Solubility in Water: NEGLIGIBLE

Appe

arance and Odor:METALLIC POWDER, NO ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, STRONG MINERAL ACIDS, SULFUR, NICKEL NITRATE, WOOD, COMBUSTIBLES.

Stability Condition to Avoid: CONTACT WITH INCOMPATIBLE MATERIALS.

Hazardous Decomposition Products:OZONE AND NITRIC ACID ARE FORMED BY PLASMA FLAME (INDEPENDENT OF POWDER).

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

Wast

e Disposal Methods:DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE & LOCAL REGULATIONS.

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