View NSN Online: https://aerobasegroup.tw/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

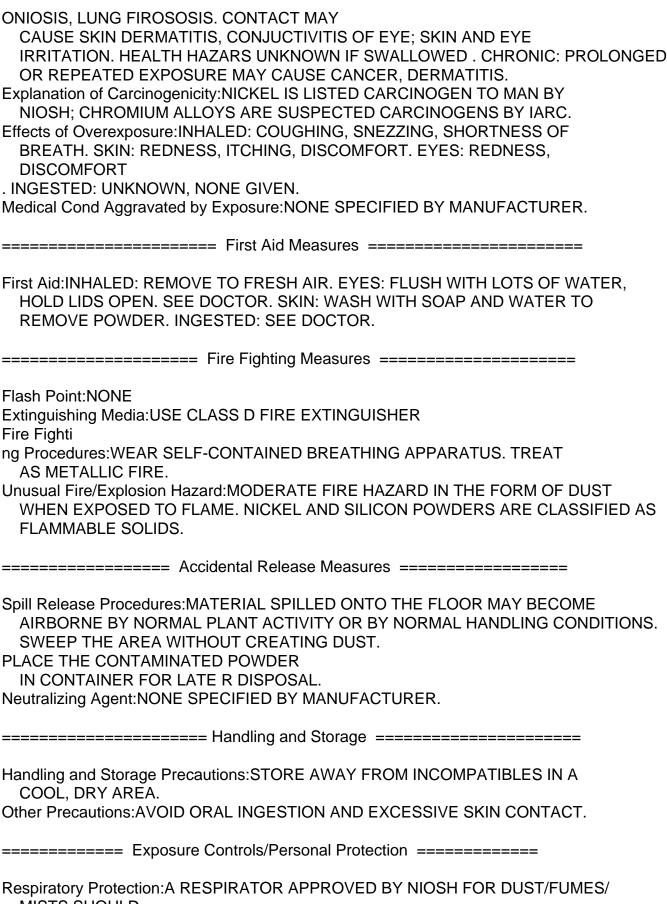
OSHA PEL:15 MG/M3 TDUST

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.

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. |  |
|--|--|
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |