

METALLURGICAL TECHNOLOGIES,INC -- METEC 4080C -- 3439-01-392-7039

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Product Identification
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Product ID:METEC 4080C

MSDS Date:03/21/1994

FSC:3439

NIIN:01-392-7039

MSDS Number: BYGCF

=== Responsible Party ===

Company Name:METALLURGICAL TECHNOLOGIES,INC

Address:14435 MAX ROAD

City:PEARLAND

State:TX

ZIP:77581

Country:US

Info Phone Num:713-485-7765

Emergency Phone Num:713-485-7765

CAGE:63726

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== Contractor Identification ==

Company Name:METALLURGICAL TECHNOLOGIES,INC

Address:14435 MAX ROAD

Box:City:PEARLAND

State:TX

ZIP:77581

Country:US

Phone:713-485-7765

CAGE:63726

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Composition/Information on Ingredients
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Ingred Name:TUNGSTEN CARBIDE

CAS:12070-12-1

RTECS #:YO7250000

Fraction by Wt: 44%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG W/M3

ACGIH TLV:5 MG W/M3

Ingred Name:NICKEL

CAS:7440-02-0

RTECS #:QR5950000

Fraction by Wt: 40.2%

Other REC Limits:NONE

RECOMMENDED
OSHA PEL:1 MG/M3
ACGIH TLV:1 MG/M3

Ingred Name:COBALT
CAS:7440-48-4
RTECS #:GF8750000
Fraction by Wt: 6%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:0.1 MG/M3
ACGIH TLV:0.1 MG/M3

Ingred Name:CHROMIUM
CAS:7440-47-3
RTECS #:GB4200000
Fraction by Wt: 6%
Other REC Limits:NONE RECOMMENDED
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:SILICON
CAS:7440-21-3
RTECS #:VW0400000
Fraction by Wt: 1.5%
Other REC Limits:NONE RECOMMENDED

Ingred Name:ALUMINUM
CAS:7429-90-5
RTECS #:BD0330000
Fraction by Wt: 0.7%
Other REC Limits:NONE RECOMMENDED
ACGIH TLV:10 MG/M3

Ingred Name:BORON
CAS:7440-42-8
RTECS #:ED7350000
Fraction by Wt: 1.0%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:10 MG B203/M3
ACGIH TLV:10 MG B2O3/M3

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

Flash Point:NA
Lower Limits:NA
Upper Limits:NA
Extinguishing Media:GRAPHITE, DOLOMITE OR SODIUM CHLORIDE.
Fire Fighting Procedures:DO NOT USE WATER.
Unusual Fire/Explosion Hazard:NOT CONSIDERED FLAMMABLE; HOW

EVER, FINELY

DIVIDED POWDER IN THE FORM OF A DUST CLOUD CAN IGNITE IF CONTACTED BY AN IGNITION SOURCE.

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

Supplemental Safety and Health

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

HCC:N1

Boiling Pt:B.P. Text:NA

Melt/Freeze Pt:M.P/F.P Text:2000F,1093C

Decomp Temp:Decomp Text:NA

Vapor Pres:1 MM

Vapor Density:NA

Spec Gravity:9.8

pH:NA

Viscosity:NA

Evaporation Rate & Reference:NA

Solubility in

Water:INSOLUBLE.

Appearance and Odor:METALLIC GREY POWDER.

Percent Volatiles by Volume:NA

Corrosion Rate:NA

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

Stability Indicator/Materials to Avoid:YES

PURE OXYGEN OR OTHER OXIDIZERS.

Stability Condition to Avoid:GENERATION OF AIRBORNE DUST.

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