

METALLURGICAL TECHNOLOGIES,INC -- METEC 4060C -- 3439-01-392-7054

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Product Identification
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Product ID:METEC 4060C

MSDS Date:03/09/1990

FSC:3439

NIIN:01-392-7054

MSDS Number: BYHCW

=== 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

=== Contractor Identification ===

Company Name:METALLURGICAL TECHNOLOGIES,INC

Address:14435 MAX ROAD

Box:City:PEARLAND

State:TX

ZIP:77581

Country:US

Phone:713-485-7765

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Composition/Information on Ingredients
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Ingred Name:COBALT

CAS:7440-48-4

RTECS #:GF8750000

Fraction by Wt: 53.5%

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: 25%

Other REC Limits:NONE RECOMMEN

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

Ingred Name:NICKEL
CAS:7440-02-0
RTECS #:QR5950000
Fraction by Wt: 11%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1 MG/M3
ACGIH TLV:1 MG/M3

Ingred Name:TUNGSTEN
CAS:7440-33-7
RTECS #:YO7175000
Fraction by Wt: 7.5%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG/M3
ACGIH TLV:5 MG/M3

Ingred Name:IRON
CAS:7439-89-6
RTECS #:NO4565500
Fraction by Wt: 2%
Other REC Limits:NONE RECOMMENDED

Ingred Name:MANGANESE
CAS:7439-96-5
RTECS #:OO9275000
Fraction by Wt: 1%
Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO
Health Hazards Acute and Chronic:INHALATION: ACUTE-BRONCHITIS.
CHRONIC-SIDEROSIS. EYE CONTACT: ACUTE-MECHANICAL IRRITATION.
CHRONIC-CONJUNCTIVITIS.
Explanation of Carcinogenicity:METALLIC CO. METALLIC CR.

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

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irst Aid:EYE CONTACT-FLUSH EYES WITH LARGE AMOUNTS OF WATER.

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Fire Fighting Measures
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Extinguishing Media:DRY CHEMICAL, DRY SAND OR GRAPHITE TO SMOTHER FIRE.
USE WATER ONLY IN MIST/FOG APPLICATION TO AVOID SPREADING POWDER.

Fire Fighting Procedures:FIREFIGHTERS SHOULD USE SELF-PROTECTIVE
CLOTHING AND EQUIPMENT.

Unusual Fire/Explosion Hazard:NOT CONSIDERED FLAMMABLE UNDER MOST
CONDITIONS. AVOID AIRBORN DISPERSION OF ANY FINE DIVIDED POWDER
ON
AN ENCLOSED INDUSTRIAL AREA TO REDUCE POTENTIAL FOR IGNIT

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Accidental Release Measures
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Spill Release Procedures:USE WET METHODS OR VACUUM CLEANING INSTEAD OF
DRY SWEEPING TO AVOID GENERATION OF AIRBORNE DUST.

Neutralizing Agent:NA

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Handling and Storage
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Handling and Storage Precautions:SYORE IN CLOSED CONTAINERS.

Other Precautions:DO NOT STORE ADJACENT TO STRONG OXIDIZERS.

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Exposure
Controls/Personal Protection
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Respiratory Protection:NIOSH APPROVED DUST RESPIRATOR.

Ventilation:LOCAL EXHAUST-REQUIRED IF OSHA STANDARD IS EXCEEDED.

Protective Gloves:WORK GLOVES.

Eye Protection:SAFETY GLASSES.

Other Protective Equipment:NONE.

Work Hygienic Practices:GOOD HOUSEKEEPING HABITS.

Supplemental Safety and Health
NONE

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Physical/Chemical Properties
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HCC:N1

Solubility in Water:INSOLUBLE.

Appearance and Odor:GREY COLOR FINE POWDER,

NO ODOR.

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

Stability Indicator/Materials to Avoid: YES

REACTS WITH MINERAL ACIDS TO LIBERATE HYDROGEN.

Stability Condition to Avoid: GENERATION OF AIRBORNE DUST.

Hazardous Decomposition Products: EVOLVED HYDROGEN MAY BECOME EXPLOSIVE.

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

Waste Disposal Methods: PROCEDURES COMPLYING WITH FEDERAL, STATE AND LOCAL WASTE ORDINANCES.

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