

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:6372

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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: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 RECOMM

ENDED
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

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===== 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.

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

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

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

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 POWD
ER ON
AN ENCLOSED INDUSTRIAL AREA TO REDUCE POTENTIAL FOR IGNIT

===== Accidental Release Measures =====

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

Neutralizing Agent:NA

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

Handling and Storage Precautions:SYORE IN CLOSED CONTAINERS.

Other Precautions:DO NOT STORE ADJACENT TO STRONG OXIDIZERS.

===== Exposu
re Controls/Personal Protection =====

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

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

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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