

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

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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 RECOMMEND

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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%  
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ther 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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rst Aid:EYE CONTACT-FLUSH EYES WITH LARGE AMOUNTS OF WATER.

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===== 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 POWDER  
ON

AN ENCLOSED INDUSTRIAL AREA TO REDUCE POTENTIAL FOR IGNIT

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===== 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

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

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 =====

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 =====

HCC:N1

Solubility in Water:INSOLUBLE.

Appearance and Odor:GREY COLOR FINE POWDER, N

O 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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