

METALLURGICAL TECHNOLOGIES,INC -- METEC 4160C COMP. 1 -- 3439-01-388-5661

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Product Identification  
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Product ID:METEC 4160C COMP. 1  
MSDS Date:08/01/1991  
FSC:3439  
NIIN:01-388-5661  
MSDS Number: BYHMH  
=== 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:713-485-7  
765  
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  
CAGE:63726

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Composition/Information on Ingredients  
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Ingred Name:ALUMINUM  
CAS:7429-90-5  
RTECS #:BD0330000  
Fraction by Wt: 87%  
Other REC Limits:NONE RECOMMENDED  
ACGIH TLV:10 MG/M3

Ingred Name:SILICON  
CAS:7440-21-3  
RTECS #:VW0400000  
Fraction by Wt: 13%  
Other REC Limits:NONE RECOMMENDED

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==== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:UNKNOWN Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:NONE SPECIFIED BY MANUFACTURER.  
Explanation of Carcinogenicity:NONE SPECIFIED BY MANUFACTURER.  
Effects of Overexposure:NONE SPECIFIED BY MANUFACTURER.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

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First Aid:INHALATION-REMOVE PERSON FROM SOURCE, IF NOT BREATHING,  
PERFORM CPR, IF BREATHING ADMINISTER OXYGEN. INGESTION-HAVE PERSON  
DRINK WATER OR MILK AND INDUCE VOMITING. GET MEDICAL ATTENTION.

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

Flash Point:NONE  
Autoignition Temp:Autoignition Temp Text:650C  
Lower Limits:NA  
Upper Limits:NA  
Extinguishing Media:CLASS D EXTINGUISHINH AGENT OR DRY INERT GRANULAR  
MATERIAL (EG. SAND).  
Fire Fighting Procedures:USE  
EXTREME CARE TO PREVENT DUST CLOUD  
FORMATION. SMOTHER FIRE WITH CLASS D EXTINGUISHER. DO NOT USE CLASS  
A,B OR C RATED EXTINGUISHERS.  
Unusual Fire/Explosion Hazard:ALUMINUM POWDER MAY BE EXPLOSIVE WHEN  
DEPERSED IN AIR.

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

Spill Release Procedures:THIS MATERIAL IS NON TOXIC AND CAN BE DISPOSED  
OF AS IF IT WERE COMMON PLASTIC WASTE.  
Neutralizing Agent:NA

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

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Handling and Storage Precautions:NONE SPECIFIED BY MANUFACTURER.  
Other Precautions:NONE.

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

Respiratory Protection:NIOSH APPROVED DUST RESPIRATORS.  
Ventilation:LOCAL EXHAUST-YES.  
Protective Gloves:YES.  
Eye Protection:SAFETY GLASSES OR GOGGLES.  
Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.  
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.  
Supplemental Safety and Health  
NONE

==== Physical/C

hemical Properties =====

HCC:N1

Boiling Pt:B.P. Text:NA

Melt/Freeze Pt:M.P/F.P Text:1076F,580C

Decomp Temp:Decomp Text:NA

Vapor Pres:NA

Vapor Density:NA

Spec Gravity:1.4 G/CM3

pH:NA

Viscosity:NA

Evaporation Rate & Reference:NA

Appearance and Odor:METALLIC GREY - SILVER POWDER. NO ODOR.

Percent Volatiles by Volume:NA

Corrosion Rate:NA

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

Stability Indicator/Materials to Avoid:YES

OPEN FLAME/FIRE.

Stability Condi

tion to Avoid:OPEN FLAME/FIRE.

Hazardous Decomposition Products:POISONOUS GAS OR FUMES ON  
DECOMPOSITION.

Conditions to Avoid Polymerization:FIRE MAY PRODUCE POISONOUS OR  
IRRITATING FUMES.

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

Waste Disposal Methods:SWEEP UP AND TREAT AS COMMON PLASTIC WASTE.LOCAL  
REGULATIONS.

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