

I G TECHNOLOGIES,INC. -- ALNICO -- 5999-00-974-4778

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===== Product Identification =====

Product ID:ALNICO

MSDS Date:01/01/1987

FSC:5999

NIIN:00-974-4778

MSDS Number: BGBFJ

=== Responsible Party ===

Company Name:I G TECHNOLOGIES,INC.

Emergency Phone Num:219-462-3131

CAGE:JO809

=== Contractor Identification ===

Company Name:I G TECHNOLOGIES,INC

CAGE:JO809

Company Name:IG TECHNOLOGIES INC

Address:405

ELM ST

Box:City:VALPARAISO

State:IN

ZIP:46383-3620

Country:US

Phone:219-462-3131

CAGE:82901

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===== Composition/Information on Ingredients =====

Ingred Name:ALUMINUM (SARA III)

CAS:7429-90-5

RTECS #:BD0330000

Fraction by Wt: 6-13%

OSHA PEL:15MG/M3 DUST/5 FUME

ACGIH TLV:10MG/M3 DUST; 9192

Ingred Name:COBALT (SARA III)

CAS:7440-48-4

RTECS #:GF8750000

Fraction by Wt: 1-40%

OSHA PEL:0.1 MG/M3;AS CO

ACGIH TLV:0.05 MG/M3;DUST 9293

Ingred Name:COPPER (SARA III)

CAS:7440-50-8

RTEC

S #:GL5325000  
Fraction by Wt: 1-7%  
OSHA PEL:0.1MG/M3 FUME/1 DUST  
ACGIH TLV:0.2MG/M3 FUME; 9192  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:IRON OXIDE  
CAS:1309-37-1  
RTECS #:NO7400000  
OSHA PEL:10 MG/M3 (FE)  
ACGIH TLV:5 MG/M3(FE),B2; 9293

Ingred Name:NICKEL (SARA III)  
CAS:7440-02-0  
RTECS #:QR5950000  
OSHA PEL:1 MG/M3  
ACGIH TLV:1 MG/M3; 9192

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Hazards Identification  
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Effects of Overexposure:UNDER NORMAL HANDLING AND USE EXPOS TO ALNICO  
PRO  
DUCTS PRESENT NO OR FEW HEALTH HAZARD.SUPP DATA.

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Fire Fighting Measures  
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Fire Fighting Procedures:NONE (PER MFR)  
Unusual Fire/Explosion Hazard:MAY OCCUR IN CASE OF RAISING DRY,FINE  
GRAINED DUST IN AIR.HAZARD IS REDUCED BY MACHINING WET

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Accidental Release Measures  
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Spill Release Procedures:N/R (PER MFR)

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Handling and Storage  
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Handling and Storage Precautions:W  
HEN MACHINING ALNICO USE COOLANT TO  
REDUCE DUSTING.  
Other Precautions:HANDLE W/ CARE WHEN MAGNETIZED TO PREVENT INJURY OR  
DAM BY STRONG ATTRACTIVE/REPULSIVE FORCES.CONTROL THE MOVEMENT OF  
OTHER MAGNETIC MATERIALS WHEN NEAR STRONG MAGNETIC FIELD.

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Exposure Controls/Personal Protection  
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Respiratory Protection:OSHA/MSHA APPRVD POWDERS & DUST PROPER  
RESPIRATOR  
Ventilation:MECHANICAL  
Protective Gloves:RUBBER  
Eye Protection:PROTECTIVE GOGGLES  
Other Protect

ive Equipment:N/R(PER MFR)  
Supplemental Safety and Health  
MSDS PREP:30JAN86.BP:>2500C.SPECIFIC GRAVITY:6.9-7.4.OVEREXPO:POWDER OR  
DUST FROM MACHINING MAY CAUSE SOME SKIN IRRITATION IN THE CASES OF  
SENSITIVE INDIVIDUALS.EYE:DUST,FUMES MAY CAUSE IRRIT.

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

HCC:M1  
Boiling Pt:B.P. Text:>4532F  
Spec Gravity:SUPP  
Solubility in Water:INSOLUBLE  
Appearance and Odor:SILVERY GRAY METAL-NO ODOR

===== Stability and Reacti  
vity Data =====

Stability Indicator/Materials to Avoid:YES  
STRONG ACIDS  
Hazardous Decomposition Products:HAZARDOUS FUMES MAY OCCUR WHEN  
MACHINING ALNICO

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

Waste Disposal Methods:RECYCLING OF SCRAP METAL IS THE PREFERRED  
METHOD.DISPOSAL IN ACCORDANCE TO STATE,FEDERAL,LOCAL REGULATION.

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