

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

===== 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

Ph

one:219-462-3131

CAGE:82901

===== 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

RTECS #: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

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

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

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

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

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

Spill Release Procedures:N/R (PER MFR)

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

Handling and Storage Precautions:WHEN 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.

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

Respiratory Protection:OSHA/MSHA APPRVD POWDERS & DUST PROPER
RESPIRATOR
Ventilation:MECHANICAL
Protective Gloves:RUBBER
Eye Protection:PROTECTIVE GOGGLES
Other Protective Equipment:N/R(PER MFR)
Supplemental Safety and Health
MSDS P

REP: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 Reactivity Data =====

Stability Indicator/Materials to A
void: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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