

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

Phone: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

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

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

Effects of Overexposure:UNDER NORMAL HANDLING AND USE EXPOS TO ALNICO
PRO
DUCTS 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: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.

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

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.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements
of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.