View NSN Online: https://aerobasegroup.es/nsn/5999-00-974-4778

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 DUCTS PRESENT NO OR FEW HEALTH HAZARD.SUPP DATA. 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.

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