

ALPHA METALS -- 711 FLUX -- 3439-00-602-5966

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Product Identification
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Product ID:711 FLUX
MSDS Date:05/08/1990
FSC:3439
NIIN:00-602-5966
MSDS Number: BFHRS
=== Responsible Party ===
Company Name:ALPHA METALS
Address:600 ROUTE 440
City:JERSEY CITY
State:NJ
ZIP:07304
Country:US
Info Phone Num:201-434-6778
Emergency Phone Num:201-434-6778/800-424-9300(CHEMTREC)
CAGE:96613
=== Contractor Id
entification ===
Company Name:FRYS METALS INC (FORMER ALPHA METALS)
Address:600 ROUTE 440
Box:City:JERSEY CITY
State:NJ
ZIP:07304
Country:US
Phone:201-434-6778
CAGE:96613
Company Name:PEAK ELECTRONICS CORP
Address:354-356 W LANCASTER AVE
Box:533
City:WAYNE
State:PA
ZIP:19087-3925
Country:US
CAGE:66274

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Composition/Information on Ingredients
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Ingred Name:ISOPROPYL ALCOHOL (SARA 313)
CAS:67-63-0
RTECS #:NT8050000
Fraction by Wt: 25-50%
Other REC Limits:NONE RECOMMENDE

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OSHA PEL:400 PPM
ACGIH TLV:400 PPM/500STEL;9596

Ingred Name:SEC-BUTYL ALCOHOL (SARA 313)
CAS:78-92-2
RTECS #:EO1750000
Fraction by Wt: 5-10%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:150 PPM
ACGIH TLV:100 PPM; 9596

Ingred Name:ETHYL ALCOHOL (ETHANOL)
CAS:64-17-5
RTECS #:KQ6300000
Fraction by Wt: 5-10%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1000 PPM
ACGIH TLV:1000 PPM; 9596

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHAL:CAN CAUSE NASAL IRRIT, DIZZ, NAU, HEADACHES. INEST:CAN CAUSE GASTROINTESTINAL IRRIT, NAU, VOMIT, DIARR. SKIN:PROLONG/REP CONTACT CAN CAUSE DEFATTING & DERM. EYE:CAN CAUSE SEVERE IRRIT, TEARING, BLURRED VISION.
Explanation of Carcinogenicity:PER MSDS:LISTED CARCINOGENS:NONE.
Effects of Overexposure:NASAL IRRIT, DIZZINESS, NAUSEA, HEADACHES,
GASTROINTESTINAL IRRIT, VOMITING, DIARRHEA. DEFATTING & DERMATITIS.
SEVERE EYE IRRIT, TEARING, BLURRED VISION.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHAL:REMOVE INDIVIDUAL TO FRESH AIR.IF BREATHING IS DIFFICULT ADMINISTER OXYGEN. INGEST:CALL PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.
SKIN:WASH EXPOSED AREA

W/SOAP/WATER. REMOVE CONTAMINATED CLOTHING.
EYE:FLUSH W/LARGE AMT OF WATER LIFTING UPPER/LOWER LIDS
OCCASIONALLY. GET MED ATTN.

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

Flash Point Method:TCC
Flash Point:64.0F,17.8C
Autoignition Temp:Autoignition Temp Text:NP
Lower Limits:2.0
Upper Limits:12.0
Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL.
Fire Fighting Procedures:USE NIOSH APPROVED SELF-CONTAINED BREATHING
APPARATUS IN ENCLOSED AREA.
Unusual Fire/Exp
losion Hazard:NONE.

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

Spill Release Procedures:SM:ABSORB LIQ ON PAPER,VERMICULITE,FLOOR
ABSORBENT,OR OTHER ABSORBENT MATL & TRANSFER TO HOOD.VENTILATE
AREA. LG:VENTILATE AREA.ELIMINATE ALL IGN SOURCES.PERSON NOT
WEARING PROT EQPMT SHOULD BE EXCLUD ED FROM AREA.DIKE TO PREVENT
SPREADING.PUMP (SUPP)
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

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Handling and Storage Precautions:OBSERVE PRECAUTIONS FOR FLAMM LIQ.KEEP
CONTAINER CLOSED WHEN NOT IN USE.STORE AWAY FROM IGNITION
SOURCES.STORE IN COOL DRY AREA.
Other Precautions:STORE IN AREA W/ADQUA VENTI.READ ALL CNTNR
LABELING.AVOID USE OF BRASS DR SPIGOTS.USE
POLYETHYLENE,POLYPROPYLENE,TEFLON,SS.SINCE EMPTY CNTNR MAY RETAIN
PROD RESIDUES(VAP/LIQ/SOLID)ALL LABEL HAZ PRECAU T MUST BE
OBSERVED.KEEP OUT OF (SUPPLEM)

===== Exposure Controls/Personal Protect
ion =====

Respiratory Protection:IF THRESHOLD LIMIT VALUE IS EXCEEDED USE NIOSH
APPROVED RESPIRATOR FOR ORGANIC VAPORS.
Ventilation:PROVIDE SUFFICIENT MECHANICAL (GENERAL &/OR LOCAL EXHAUST)
VENTILATION TO MAINTAIN EXPOSURE BELOW TLVS.
Protective Gloves:RESISTENT GLOVES:NEOPRENE,RUBB,PLASTIC.
Eye Protection:CHEM SPLASH GOGG W/OSHA REGS.
Other Protective Equipment:PROVIDE EYE BATH NEAR WORK SITE.
Work Hygienic Practices:HMIS:LAUNDER CONTAMIN CLOTHING BEFORE REUSE.
Supplemental S

afety and Health

SPILL:TO SALVAGE TANK.TAKE UP REMAINING LIQ ON ABSORBENT MATL.SHOVEL INTO CONTAINERS. OTHER PRECAUT:REACH OF CHILDREN.DO NOT TAKE INTERNALLY.

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

HCC:F3

Boiling Pt:B.P. Text:180F,82C

Melt/Freeze Pt:M.P/F.P Text:NP

Decomp Temp:Decomp Text:NP

Vapor Pres:33

Vapor Density:2.1

Spec Gravity:0.933

pH:NA

Viscosity:NP

Evaporation Rate & Reference:2.8, (N-BUTYL ACETATE=1)

Solubility in Water:SLIGHT.

Appearance

and Odor:CLEAR, AMBER LIQUID, NON-RESIDUAL ODOR.

Percent Volatiles by Volume:43

Corrosion Rate:NP

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:HEAT, SPARKS, OPEN FLAMES.

Hazardous Decomposition Products:CARBOON DIOXIDE & CARBON MONOXIDE.

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

Waste Disposal Methods:DESTROY BY APPROVED INCINERATAION OR DEPOSIT IN

APPROVED LANDFILL.MUST BE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS AND LAWS.SARA TITLE III SEC 313:SEC-BUTYL ALCOHOL REQUIRE REPORTING.

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