

ALPHA METALS -- 611F FLUX -- 3439-01-007-5494

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Product Identification
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Product ID:611F FLUX
MSDS Date:08/08/1996
FSC:3439
NIIN:01-007-5494
MSDS Number: CGXCT
=== 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
Identification ===
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

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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: 10-25%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:400 PPM
ACGIH TLV:400 PPM/500STEL;9596

Ingred Name:HEXYLENE GLYCOL
CAS:107-41-5
RTECS #:SA0810000
Fraction by Wt: 5-10

%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:C 25 PPM
ACGIH TLV:C 25 PPM; 9596

Ingred Name:ISOBUTYL ALCOHOL (CERCLA)
CAS:78-83-1
RTECS #:NP9625000
Fraction by Wt: 10-25%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:100 PPM
ACGIH TLV:50 PPM; 9596
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:2-METHOXYETHANOL (METHYL CELLOSOLVE) (SARA 313)
CAS:109-86-4
RTECS #:KL5775000
Fraction by Wt: 5-10%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:S, 25 PPM
ACGIH TLV:S, 5 PPM; 9596

Ingred Name:ROSIN AC
ID
CAS:8050-09-7
Fraction by Wt: 30-40%
Other REC Limits:NONE RECOMMENDED

===== 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:EXPO TO ROSIN SMOKE MAY CAUSE
DIZZ,HEAD.MAY ALSO CAUSE ALLERGIC RX SUCH AS THROAT/RESP
IRRIT,DMG.INEST:CAN CAUSE GASTROINTESTINAL
IRRIT,NAU,VOMI
T,DIARR.SKIN:PROL/REP CONTACT CAN CAUSE DEFATTING
DERM.MAY ALSO CAUSE ALLERGIC SKIN RX SUCH AS RASH.EYE:CAN CAUSE
SEVERE IRRIT,TEARING,BLUR VISION.ABSORPT OF (SUPPLEMENT)
Explanation of Carcinogenicity:PER MSDS:CARCINOGENS:NONE.
Effects of Overexposure:OVEREXPOSURE TO ISOPROPYL ALCOHOL HAS BEEN
SUGGESTED AS POSSIBLE CAUSE OF KIDNEY DAMAGE IN HUMANS.
2-METHOXYETHANOL:REP OVEREXPO MAY CAUS INJURY TO BONE MARROW AND
BLOOD CELLS,KIDNEY,LIVER,TESTES.
Medical Cond Aggravated by Ex

posure:CHEMICAL HYPERSENSITIVITY AND
DISEASES OF THE LUNGS.

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First Aid Measures
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First Aid:INHAL:AFFECTED REMOE TO FRESH AIR.BREATH DIFFI ADMINISTER
OXY.GET MED ATTN.INGEST:GIVE 2GLASSES OF WATER.INDUCE VOMIT IMMED
BY STICKING FINGER DOWN THROAT.CALL DR.NEVER GIVE ANYTHING BY MOUTH
IF UNCON SC.SKIN:WASH EXPO AREA W/SOAP/WATER.REMOVE CONTAM
CLOTH.EYE:FLUSH W/LARGE AMTS OF WATER LIFTING UPPER/LOWER LIDS
OCCASSIONALLY.GET MED
ATTN.

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Fire Fighting Measures
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Flash Point Method:TCC
Flash Point:65.0F,18.3C
Autoignition Temp:Autoignition Temp Text:NP
Lower Limits:1.5
Upper Limits:13.0
Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, ALCOHOL FOAM.
Fire Fighting Procedures:USE NIOSH APPROVED SELF-CONTAINED BREATHING
APPARATUS IN ENCLOSED AREA.
Unusual Fire/Explosion Hazard:NONE

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Accidental Release Measures
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Spill Release Procedures:W
EAR SUITABLE PROTECTIVE EQPMT.ABOSRB LIQUID
ON PAPER,VERMICULAITE,FLOOR ABSORBENT,OR OTHER ABSORBENT MATL &
TRANSFER TO HOOD.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage
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Handling and Storage Precautions:OBSERVE PRECAUT FOR FLAMM LIQ.KEEP
CNTNR CLSD WHEN NOT IN USE.STORE AWAY FRM IGN SOURCES.STORE IN COOL
DRY AREA.STORE IN AREA W/ADEQU VENTILATION.
Other Precautions:READ ALL CNTNR LABELING.AVOID SKIN CONT
ACT.AVOID USE
OF BRASS DRUM SPIGOTS.USE POLYETHYLENE,POLYPROPYLENE,TELFON,OR
STAINLESS STEEL.SINCE EMPTY CNTNR MAY RETAIN PROD
RESIDUE(VAP,LIQ,SOLID)ALL LABEL HA Z PRECAUT MUST BE OBSERVE.

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Exposure Controls/Personal Protection
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Respiratory Protection:IF THRESHOLD LMIT VALUE IS EXCEEDED OR
VENTILATION IS NOT ADEQUATE TO REMOVE SMOKE FROM BREATHING ZONE
THEN NIOSH/MSHA APPROV CARTRIDGE TYPE RESPIRATOR SHOULD BE WORN.
Ventilation:PROVIDE SUFFICIENT

MECHANICAL (GENERAL &/OR LOCAL EXHAUST)VENTILATION TO MAINTAIN EXPOSURE LEVELS BELOW TLVS.
Protective Gloves:RESISTANT GLOVES-RUBBER,NEOPRENE,PLASTIC
Eye Protection:CHEM SPLASH GOGG W/FCSHIELD
Other Protective Equipment:EYEBATH NEAR WORK AREA.
Work Hygienic Practices:FOR INDUSRIAL USE ONLY.KEEP OUT OF REACH OF CHILDREN.DO NOT TAKE INTERNALLY.
Supplemental Safety and Health
HEALTH:HARMFUL AMTS OF MATL RESULT IN SIGNS.

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

HCC:F2
Boiling Pt:B.P. Text:185F,85C
Melt/Freeze Pt:M.P/F.P Text:NP
Decomp Temp:Decomp Text:NP
Vapor Pres:30
Vapor Density:2.5
Spec Gravity:0.918
pH:NA
Viscosity:NP
Evaporation Rate & Reference:2.7, BUAC=1
Solubility in Water:MODERATE
Appearance and Odor:CLEAR, AMBER LIQUID, NON-RESIDUAL ODOR
Percent Volatiles by Volume:93
Corrosion Rate:NP

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

Stability Indicator/Materials to Avoid:YES
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Stability Condition to Avoid:HEAT,SPA
RKS,AND OPEN FLAMES.
Hazardous Decomposition Products:THERM DECOMP MAY PRODUCE
CO,CO2,ABIETIC ACID,ALIPHATIC ALDEHYDES,TERPENES,AND OTHER ACIDS.

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

Waste Disposal Methods:DESTROY BY APPROVED INCINERATION OR DEPOSIT IN APPROVED LANDFILL.MUST BE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS/LAWS.SARA CHEM:2-METHOXYETHANOL.

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