

ALPHA METALS -- 611 MILDLY ACTIVATED ROSIN FLUX -- 3439-01-007-5494

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Product Identification
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Product ID:611 MILDLY ACTIVATED ROSIN FLUX

MSDS Date:04/11/1990

FSC:3439

NIIN:01-007-5494

MSDS Number: BGCWN

=== 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:800-424-9300 (CHEM
TREC)

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 III)

CAS:67-63-0

RTECS #:NT8050000

Fraction by Wt: 50-75%

Other REC Limits:NONE SPECIFIED

OSHA PEL:400 PPM/500 STEL

ACGIH TLV:400 PPM/500STEL;9192

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Hazards Identifi

cation =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: CAN CAUSE NASAL IRRITATION,
DIZZINESS, NAUSEA, HEADACHE. CAN CAUSE GASTROINTESTINAL IRRITATION,
NAUSEA, VOMITING IF INGESTED. PROLONGED OR REPEATED CONTACT WITH
THE SKIN CAN CAUSE DEFATTING DER MATITIS. CAN CAUSE SEVERE
IRRITATION, TEARING, BLURRED VISION. CHRONIC: ISOPROPYL ALCOHOL
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EY DAM. IN HUM.

Explanation of Carcinogenicity:NONE OF THE CHEMICALS IN THIS PRODUCT IS
LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.

Effects of Overexposure:NASAL IRRITATION, DIZZINESS, NAUSEA, HEADACHE,
GASTROINTESTINAL IRRITATION, VOMITING, DIARRHEA, DEFATTING
DERMATITIS, TEARING, BLURRED VISION.

Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF SKIN AND
RESPIRATORY DISORDERS MAY BE AT INCREASED RISK FROM EXPOSURE.

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

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First Aid:INHALATION: REMOVE SUBJECT TO FRESH AIR. IF BREATHING
DIFFICULT, ADMINISTER OXYGEN AND CONSULT A DOCTOR. EYE: FLUSH WITH
PLENTY OF WATER FOR 15 MINUTES. GET IMMEDIATE MEDICAL ATTENTION.
SKIN: WASH WIT H SOAP AND WATER. INGESTION: DO NOT INDUCE VOMITING.
GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point Method:TCC

Flash Point:=16.7C, 62.F

Autoignition Temp:=398.9C, 750.F

Lower Limits:2

Upper Limits:12

Extinguishing Media:CARBON DIOXIDE OR DRY CHEMICAL.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A
FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL
FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:NONE SPECIFIED BY THE MFR.

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

Spill Release Procedures:KEEP AWAY FROM POTENTIAL IGNITION SOURCES.
VENTILATE IF IN ENCLOSED AREA. ADD ABSORBENT

AND SCOOP INTO

APPROPRIATE CONTAINER. TRANSFER TO HOOD AND EVAPORATE OR SEAL FOR WASTE DISPOSAL.

Neutralizing Agent:NONE APPLICABLE FOR THIS MATERIAL

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

Handling and Storage Precautions:OBSERVE PRECAUTIONS FOR A FLAMMABLE LIQUID. KEEP CONTAINER CLOSED WHEN NOT IN USE. STORE AWAY FROM IGNITION SOURCES. STORE IN COOL DRY AREA.

Other Precautions:AVOID CONTACT WITH SKIN & EYES.AVOID PROLONGED BREATHING OF VAPORS.USE ADEQUATE VENTILATION.DO NOT TAKE INTERNALLY.FOR INDUSTRIAL USE ONLY.KEEP AWAY FROM CHILDREN.

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

Respiratory Protection:NIOSH APPROVED RESPIRATOR FOR ORGANIC VAPORS IF TLV'S ARE EXCEEDED.

Ventilation:PROVIDE SUFFICIENT MECHANICAL (GENERAL AND /OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE LEVELS BELOW TLV'S.

Protective Gloves:RUBBER, NEOPRENE OR PLASTIC.

Eye Protection:CHEMICAL SPLASH GOGGLES

Other Protective E

quipment:SAFETY SHOWER AND EYE WASH STATION.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING. NO EATING, DRINKING, SMOKING AROUND WORKING AREA.

Supplemental Safety and Health

SINCE EMPTY CONTAINERS MAY RETAIN PRODUCT RESIDUES ALL LABELED HAZARD PRECAUTIONS MUST BE OBSERVED.

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

HCC:F2

Boiling Pt:=82.2C, 180.F

Vapor Pres:33

Vapor Density:2.1

Spec Gravity:0.896

Evaporation Rate & Reference:2.8 (BUAC=1)

Solubility in Water:SLIGHT

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

Percent Volatiles by Volume:63

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS

Stability Condition to Avoid:NONE SPECIFIED BY THE MFR.

Hazardous Decomposition Products:THE SMOKE FROM SOLDERING OPERATION MAY INCLUDE SUCH COMPOUNDS AS CARBON MONOXIDE, CARBON DIOXIDE, ALIPHATIC ALDEHYDES.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS. DESTROY BY APPROVED INCINERATION OR DEPOSIT IN APPROVED LANDFILL.

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