

ESSEX GROUP INC -- INSULATING COMPOUND -- 5970-01-081-1733

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Product Identification
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Product ID:INSULATING COMPOUND

MSDS Date:04/16/1990

FSC:5970

NIIN:01-081-1733

MSDS Number: BJNCK

=== Responsible Party ===

Company Name:ESSEX GROUP INC

Address:1510 WALL ST

City:FORT WAYNE

State:IN

ZIP:46804

Country:US

Info Phone Num:219-461-4287

Emergency Phone Num:219-461-4287

Preparer's Name:FRANCOIS

A LAVALEE

CAGE:5B362

=== Contractor Identification ===

Company Name:ESSEX GROUP INC

Address:1510 WALL ST

Box:City:FORT WAYNE

State:IN

ZIP:46804

Country:US

Phone:219-461-4287

CAGE:5B362

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Composition/Information on Ingredients
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Ingred Name:ALUMINUM (SARA III)

CAS:7429-90-5

RTECS #:BD0330000

Fraction by Wt: 68-99%

OSHA PEL:15MG/M3 DUST/5 FUME

ACGIH TLV:10MG/M3 DUST; 9192

Ingred Name:HAZ DECOMP PROD:HIGHER THERMALLY-RATED INSULATIONS WILL NOT
START DECOMPOSING UNT

IL MUCH HIGHER TEMPS ARE REACHED.
RTECS #:9999999ZZ

Ingred Name:VENT:-STAKED OR SOLDERED, SUFFICIENT EXHAUST SHOULD BE PROVIDED TO KEEP PEL BELOW APPROPRIATE VALUE.
RTECS #:9999999ZZ

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHALATION EFFECTS OF ALUMINUM DUSTS AND FUMES
ABOVE THE PEL ARE UNCERTAIN WITH POSSIBLE PNEUMOCONIOSIS DEVELOPED. PARTICLES OF ALUMINUM DEPOSITED IN THE EYE MAY CAUSE NECROSIS OF THE CORNEA. DECOMPOSITION FUMES COULD CAUSE IRRITATION TO MUCOUS MEMBRANES, AS WELL AS THE RESPIRATORY TRACT.
Explanation of Carcinogenicity:NOT RELEVANT
Effects of Overexposure:SEE HEALTH HAZARDS.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES:F
LUSH WITH LARGE AMOUNTS OF WATER AT LEAST 15 MIN. GET MD. INHAL:MOVE TO FRESH AIR. SUPPORT BREATHING (GIVE O₂/ARTF RSP) . GET MD. INGEST:SEE MD IMMED .

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

Lower Limits:NONE
Upper Limits:NONE
Extinguishing Media:COMPATIBLE WITH ALL TYPES (A,B,C). AVOID WATER ON MOLTEN METAL.
Fire Fighting Procedures:MATCH TECHNIQUE TO TYPE OF FIRE. USE NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT .
Unusual Fire/Explosion Hazard:CONTACT OF WATER WITH MOLTEN ALUMINUM CAN CAUSE EXPLOSION.

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

Spill Release Procedures:NONE SPECIFIED BY MANUFACTURER.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:NONE
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection

:NONE REQUIRED UNDER NORMAL CIRCUMSTANCES. USE
NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN

Ventilation:LOCAL EXHAUST FOR GRINDING,BURNING & MOLTEN CONDITIONS.

GEN/MECHANICAL WHEN MAGNET WIRE IS GROUND, HOT (SEE INGRED 3)

Protective Gloves:FOR PROT AGAINST MECHANICAL ABRASION.

Eye Protection:CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:WASH HANDS THOROUGHLY AFTER USE AND BEFORE
EATING, SMOKIN

G OR USING SANITARY FACILITIES .

Supplemental Safety and Health

HAZ DECOMP PROD:& O*2 CONC. UNDER SOME SOLDERING,HOT-STAKING OR OTHER
VERY HIGH TEMP CONDITIONS, TOLUENEDI-ISOCYANATE (TDI)/OTHER
ISOCYANATE FRACTIONS MAY BE GIVEN OFF. NTP REPORTS TDI MAY BE
CARCINOGEN.FOR URETHANES/LOW TEMP (155C) RATED SOLECOATS,THERMAL
DECOMP WILL NOT START AT TEMPS LOWER THAN 450F. (SEE INGRED 2)

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

Boiling Pt:B.P. Text:3733F,2

056C

Evaporation Rate & Reference:NOT MEASURABLE

Solubility in Water:INSOLUBLE

Appearance and Odor:AMBER OR COLORED; NO ODOR

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

Stability Indicator/Materials to Avoid:YES

CONCENTRATED ACIDS AND BASES.

Stability Condition to Avoid:NONE

Hazardous Decomposition Products:H*2O, CO, CO*2, OXIDES OF NITROGEN AND
COMPONENT INGREDIENTS MAY BE GIVEN OFF DEPENDING ON TEMPERATURE
(SEE SUPP DATA)

===== Disposal Co

nsiderations =====

Waste Disposal Methods:RECYCLE CONDUCTOR OR SUITABLE LANDFILL. DISPOSE
I/AW FEDERAL, STATE AND LOCAL REGULATIONS .

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