

ALL-STATE PRODUCTS/ DIV OF ESAB GROUP,INC -- BRAZO FLUX -- 3439-00-070-8714
===== Product Identification =====

Product ID:BRAZO FLUX
MSDS Date:10/17/1997
FSC:3439
NIIN:00-070-8714
Status Code:A
MSDS Number: CJFTG
=== Responsible Party ===
Company Name:ALL-STATE PRODUCTS/ DIV OF ESAB GROUP,INC
Address:5112 ALLENDALE ST
Box:600
City:TANEYTOWN
State:MD
ZIP:21787
Country:US
Info Phone Num:1-410-756-4
330
Emergency Phone Num:1-717-637-8911
Chemtrec Ind/Phone:(800)424-9300
CAGE:69482
=== Contractor Identification ===
Company Name:ALL-STATE PRODUCTS/ DIV OF ESAB GROUP,INC
Address:5112 ALLENDALE ST
Box:600
City:TANEYTOWN
State:MD
ZIP:21787
Country:US
Phone:1-410-756-4330
CAGE:69482
Company Name:FORWAY INDUSTRIES INC
Address:122 GREEN AVE
Box:City:WOODBURY, NJ
State:NJ
ZIP:08096-2728
Country:US
Phone:609-848-9336
Contract Num:DLA40084P4678
CAGE:00641

===== Composition/Information on Ing

redients =====

Ingred Name:ANHYDROUS BORAX
CAS:1330-43-4
RTECS #:ED4588000
ACGIH TLV:1 MG/M3

Ingred Name:BORIC ACID
CAS:10043-35-3
RTECS #:ED4550000

Ingred Name:IRON OXIDE
CAS:1309-37-1
RTECS #:NO7400000
OSHA PEL:10 MG/M3
ACGIH TLV:5 MG/M3;2 PPM

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE- THE PRIMARY ROUTE OF
ENTRY OF

THIS PRODUCT AND OF THE DECOMPOSITION PRODUCTS IS BY INHALATION.
SKIN CONTACT, EYE CONTACT, AND INGESTION ARE POSSIBLE. STRONG
IRRITANT TO EYES, AND RESPIRATORY S YSTEM. DERMATITIS AND CONTACT
BURNS. CHRONIC- MAY CAUSE CENTRAL NERVOUS SYSTEM EFFECTS.

Explanation of Carcinogenicity:NO MAJOR INGREDIENT IS CARCINOGENIC
ACCORDING TO NTP, IARC, OR OSHA.

Effects of Overexposure:INGESTION: NAUSEA, VOMITING, AND DIARRHEA.
SKIN: MILD IRRITATION. INHALATION: SNEEZING A
ND COUGHING. EYES:
MILD IRRITATION.

Medical Cond Aggravated by Exposure:EXISTING SKIN, LUNG AND EYE
DISORDERS MAY BE AGGRAVATED.

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

First Aid:INGESTION: CALL A PHYSICIAN OR YOUR POISON CONTROL CENTER.
SKIN: WASH HANDS WITH SOAP AND WATER TO REMOVE ALL RESIDUE. IF RASH
DEVELOPS, CONSULT A PHYSICIAN. INHALATION: REMOVE TO FRESH AIR. IF
FUME S, VAPORS, OR DUSTS ARE INHALED, CALL A PHYSICIAN. EYES:
FLUSH W

WITH WATER FOR AT LEAST 15 MINUTES TO REMOVE ALL RESIDUE.
PROMPTLY GET MEDICAL HELP.

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

Extinguishing Media: DOES NOT SUPPORT COMBUSTION. BE AWARE OF OTHER MATERIALS IN SURROUNDING AREA TO DETERMINE IF WATER, FOG, FOAM, OR CO2 MAY BE USED.

Fire Fighting Procedures: FUMES OF BORON OXIDE MAY BE GIVEN OFF. USE A SELF CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard: NONE

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

Spill Release Procedures: CONTAIN SPILL, ABSORB, SWEEP-UP. REMOVE TO CHEMICAL SEWER. FLUSH AREA TO CHEMICAL SEWER.

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

Handling and Storage Precautions: STORE FLUX AT AMBIENT CONDITIONS. KEEP UNDER EXTREMELY DRY AND CONTROLLED CONDITIONS.

Other Precautions: REMOVE AND PROFESSIONALLY WASH CONTAMINATED CLOTHING BEFORE RE-USE.

===== Exposure Controls/Personal Protection =====
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Respiratory Protection: IF THE WORK STATION IS NOT PROPERLY VENTILATED TO EXHAUST ALL FUMES, VAPORS, AND DUSTS, USE A NIOSH APPROVED MASK.

Ventilation: MAINTAIN AIR FLOW AWAY FROM USER TO REMOVE ALL FUMES VAPORS, AND DUSTS, SO THAT THE PEL OR TLV ARE NEVER EXCEEDED.

Protective Gloves: CHEMICAL AND ACID IMPERVIOUS.

Eye Protection: CHEMICAL TIGHT SAFETY GOGGLES. DO NOT WEAR CONTACT LENSES.

Other Protective Equipment: FULL PROTECTIVE EQUIPMENT NORMALLY USED IN A SOLDERING OPERATION

IN SO AS TO PREVENT ANY CONTACT. REVIEW OPERATIONS TO AVOID CONTACT WITH HAZARDOUS GAS, LIQUIDS OR SOLIDS.

Work Hygienic Practices: REMOVE AND PROFESSIONALLY WASH CONTAMINATED CLOTHING BEFORE REUSE. WASH HANDS WITH SOAP AND WATER TO REMOVE ALL RESIDUE.

Supplemental Safety and Health

SEE ALSO: 29 CFR 1910.132-29 CFR 1910.140. PERSONAL PROTECTIVE EQUIPMENT AND 29 CFR 1910.251-29 CFR 1910.257. WELDING, CUTTING AND BRAZING.

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

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HCC:N1

Spec Gravity:1.87

Solubility in Water:MODERATE

Appearance and Odor:RED POWDER, NO CHARACTERISTIC ODOR.

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

Stability Indicator/Materials to Avoid:YES

ACETIC ANHYDRIDE, ELEMENTAL POTASSIUM, AND OTHER REACTIVE METALS SUCH AS ZIRCONIUM METAL.

Stability Condition to Avoid:NONE

Hazardous Decomposition Products:BORON OXIDE FUMES.

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

Waste Dispo

sal Methods:DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS.

===== Other Information =====

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