

BST SYSTEMS INC -- PIANO BATTERY HS -- 6135-01-093-7426

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Product Identification
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Product ID:PIANO BATTERY HS
MSDS Date:01/05/1990
FSC:6135
NIIN:01-093-7426
Kit Part:Y
MSDS Number: BJNCM
=== Responsible Party ===
Company Name:BST SYSTEMS INC
Address:78 PLAINFIELD PIKE ROAD
City:PLAINFIELD
State:CT
ZIP:06374
Country:US
Info Phone Num:203-564-4078
Emergency Phone Num:203-564-4078
CAGE:6233

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=== Contractor Identification ===
Company Name:BST SYSTEMS INC
Address:78 PLAINFIELD PIKE ROAD
City:PLAINFIELD
State:CT
ZIP:06374
Country:US
Phone:203-564-4078
CAGE:62339

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Composition/Information on Ingredients
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Ingred Name:SILVER (SARA III)
CAS:7440-22-4
RTECS #:VW3500000
OSHA PEL:0.01 MG/M3
ACGIH TLV:0.1 MG/M3; 9192
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:ZINC OXIDE
CAS:1314-13-2
RTECS #:ZH4810000
OSHA PEL:15MG/M3 TDUST/5 FUME
ACGIH TLV:10MG/M3 TDUST; 92

Ingred Name:MERCURIC OXIDE (SARA III)

CAS:21908-53-2

RTECS #:OW8750000

OSHA PEL:0.1 MG HG/M3;SKIN;C

ACGIH TLV:0.1 MG HG/M3; 9192

Ingred Name:POLYSULFONE

CAS:25154-01-2

Ingred Name:POTASSIUM HYDROXIDE

CAS:1310-58-3

OSHA PEL:2 MG/M3, C

ACGIH TLV:2 MG/M3, C

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

Reports of Carcinoge

nicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:KOH - CONTACT WITH SKIN CAUSES BURNS.

INHAL:MIST MAY DAMAGE RESPIRATORY TRACT. INGEST:CAUSES THROAT &
GASTRO-RESPIRATORY BURNS.

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:SEE HEALTH HAZARDS

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHAL:REMOVE FROM EXPOSURE, GET MEDICAL HELP. SKIN:REMOVE

CONTAMINATED CLOTHING AND WASH WITH WATER. EYES:FLUSH WITH WATER AT
LEAST 15 MIN, GET MEDICAL HELP. INGEST:DRINK WATER. DO NOT INDUCE
VOMITING , GET MEDICAL HELP.

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

Extinguishing Media:WATER

Fire Fighting Procedures:TO PREVENT EXPOSURE TO MERCURY VAPORS WHICH
MAY BE LIBERATED DURING A FIRE, WEAR NIOSH/MSHA APPROVED SCBA AND
FULL PROTECTIVE EQUIPMENT.

Unusual Fire/Explosion Hazard:FIRE MAY LIBERATE TOX MERCURY FU

MES&HAZ

FLUORINE CMPNDS;INCOMPLETE BURNING OF POLYSULFONE MAY RELS
CO&CO*2;CONTACT OF KOH WITH METALS CAN RELEASE HYDROGEN GAS.

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

Spill Release Procedures:FOR KOH SPILL - WEAR PROTECTIVE CLOTHING
INCLUDING GLOVES, GOGGLES. AVOID CONTACT WITH SKIN. CONTAIN SPILL
AND NEUTRALIZE WITH WEAK ACID (VINEGAR, BORIC ACID) AND FLUSH WITH
WATER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage =====

Handling and Storage Precautions:DRY BATTERIES TO BE STORED AT TEMPS
BETWEEN 0-40F(OPTIMIM). WET BATTERIES NOT REQD FOR 30 DAYS/LONGER
SHOULD BE DISCHARGED PER MFR (SEE OTHER PRECAU)

Other Precautions:HDLG/STOR PREC:OPERATING PROCEDURES AND STORED AT
TEMPS BETWEEN 0-40F.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE
FOR EXPOSURE OF CONCERN .

V
entilation:NONE SPECIFIED BY MANUFACTURER.

Protective Gloves:RUBBER OR PLASTIC GLOVES.

Eye Protection:CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:LIQUID RESISTANT APRONS; SAFETY EYE
WASH/SHOWER STATIONS.

Work Hygienic Practices:AVOID DIRECT SKIN CONTACT W/KOH; TO REDUCE
ELECTROCUTION RISK, ALL ASSOC TOOLS SHOULD BE INSULATED. (SEE SUPP
DATA)

Supplemental Safety and Health

HYGIENE PRACT:WASH THOROUGHLY AFTER USE AND BEFORE EATING, SMOKING OR
USING SANITARY FACILITIES .

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

Appearance and Odor:CELL-RECTANGULAR CUBE, CLEAR AMBER COLOR WITH
MULTIPLE ELECTRODES VISIBLE.

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

Stability Indicator/Materials to Avoid:YES

HYDROGEN PEROXIDE, AMINES, REDUCING AGENTS, MOLTEN ALKALI METALS,
ALUMINUM AND TIN (KOH ONLY).

Stability Condition to Avoid:AVOID STORAGE TEMPS GREATER THAN 70F.

Hazardous Decomposition Products:TEMPS HIGHER THAN 9

62C,AG*20 FUME MAY

BE EVOLVED;KOH&METALS MAY LIB H2 GAS,HF MAY BE FORMED WHEN TEFLON BURNS.

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

Waste Disposal Methods:SPENT (USED) BATTERIES SHOULD BE COLLECTED FOR PRECIOUS METALS RECLAMATIONS.

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