

CONTINENTAL BATTERY MANUFACTURING CO. -- BATTERY, LEAD ACID -- 6140-01-044-2605
===== Product Identification =====

Product ID: BATTERY, LEAD ACID

MSDS Date: 01/01/1987

FSC: 6140

NIIN: 01-044-2605

MSDS Number: BKCYL

=== Responsible Party ===

Company Name: CONTINENTAL BATTERY MANUFACTURING CO.

Address: 4919 WOODALL STREET

City: DALLAS

State: TX

ZIP: 75247

Info Phone Num: (214) 631-5701

Emergency Phone Num: (2

14) 631-5701

CAGE: 0H1G8

=== Contractor Identification ===

Company Name: CONTINENTAL BATTERY MANUFACTURING COMPANY

Address: 4919 WOODALL STREET

City: DALLAS

State: TX

ZIP: 75247

Country: US

Phone: 214-631-5701

CAGE: 0H1G8

===== Composition/Information on Ingredients =====

Ingred Name: SULFURIC ACID (SARA III)

CAS: 7664-93-9

RTECS #: WS5600000

OSHA PEL: 1 MG/M3

ACGIH TLV: 1 MG/M3; 9192

EPA Rpt Qty: 1000 LBS

DOT Rpt Qty: 1000 LBS

Ingred Name: HARD RUBBER

Ingred Name: PROPENE POLYMERS, POLYPRO

PYLENE
CAS:9003-07-4
RTECS #:UD1842000

Ingred Name:PAPER

Ingred Name:GLASS, FIBROUS
RTECS #:LK3651000
OSHA PEL:15 MG/M3 (DUST)
ACGIH TLV:10 MG/M3 (DUST);9192

Ingred Name:LEAD (SARA III)
CAS:7439-92-1
RTECS #:OF7525000
OSHA PEL:0.05 MG/M3;1910.1025
ACGIH TLV:0.15 MG/M3;DUST 9192
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:LEAD PEROXIDE, LEAD DIOXIDE
CAS:1309-60-0
RTECS #:OG0700000
OSHA PEL:50 UG/CUM
ACGIH TLV:0.15 MG/CUM

Ingred Name:ANTIMONY (SARA III)
CAS:7440-36-0
RTECS #:CC4025000
OSH
A PEL:0.5 MG/M3
ACGIH TLV:0.5 MG SB/M3; 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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===== 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:EYE: BURNS. INHALATION: RESPIRATORY
IRRITATION. INGESTION: INJURY. SKIN: RASH, BURNS & EDEMA.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:EYE: BURNS. INHALATION: RESPIRATORY IRRIT

ATION.

INGESTION: INJURY. SKIN: RASH, EDEMA & BURNS.

Medical Cond Aggravated by Exposure:EDEMA & RASH ON SKIN.

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

First Aid:EYES/SKIN: FLUSH W/WATER FOR AT LEAST 15 MINS. INHALATION:
REMOVE TO FRESH AIR. INGESTION: DRINK LARGE AMOUNT OF WATER OR
MILK. DON'T INDUCE VOMITING. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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

Extinguishing Media:CLASS B EXTINGU
ISHERS SUCH AS DRY CHEMICAL, FOAM, &
CO₂.

Fire Fighting Procedures:AVOID USE OF WATER WHERE DANGER OF SPREADING
EXISTS. USE SELF-CONTAINED BREATHING APPARATUS WHERE ACID VAPORS OR
MISTS MAY BE PRESENT.

Unusual Fire/Explosion Hazard:CHARGING BATTERIES MAY GENERATE HYDROGEN
WHICH IS FLAMMABLE/EXPLOSIVE & MAY ALSO BE LIBERATED BY THE ACTION
OF ACID/ORGANIC MATERIALS/NITRATES/CARBIDES/METALS.

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

Spill Release Proc

edures:REMOVE COMBUSTIBLE MATERIALS & SOURCES OF
IGNITION. CONTAIN SPILL BY DIKING W/SODA ASH, (SODIUM CARBONATE) OR
LIME (CALCIUM OXIDE) COVER SPILL W/EITHER CHEMICAL. MIX WELL
ASSURING MIXTURE IS NEUTRAL.

Neutralizing Agent:SODA ASH (SODIUM CARBONATE) OR LIME (CALCIUM OXIDE).

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

Ventilation:USE LOCAL EXHAUST WHEN CHARGING BATTERIES. USE MECHANICAL
VENTILATION WHEN HANDLING ACID.

Protective Gloves:RUBBER, NITRILE
, LATEX, ACID RESISTANT

Eye Protection:GOGGLES

Other Protective Equipment:ACID RESISTANT, RUBBER, OR LATEX BOOTS.
RUBBER, NITRILE, OR PLASTIC APRONS & SLEEVES. EYE WASH STATIONS &
SHOWERS.

Work Hygienic Practices:DON'T SMOKE. RINSE EXPOSED AREAS W/WATER.

Supplemental Safety and Health

ADD ACID TO WATER, NOT WATER TO ACID.

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

Boiling Pt:B.P. Text:230F

Vapor Pres:11.8

Vapor Density:3.4

Spec Gravity:1.265

Solubility in Wate

r:100%

Appearance and Odor:COLORLESS TO CLOUDY LIQUID.

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

Stability Indicator/Materials to Avoid:YES

COMBUSTIBLE MATERIALS, STRONG REDUCING AGENTS, MOST METALS, CARBIDES,
ORGANIC MATERIALS, & CHLORATES.

Stability Condition to Avoid:FIRES & SOURCES OF IGNITION.

Hazardous Decomposition Products:HYDROGEN, SULFUR DIOXIDE, & SULFUR
TRIOXIDE.

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

Waste Disposal Methods:

LANDFILL IN ACCORDANCE W/LOCAL, STATE, & FEDERAL
REGULATIONS.

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