

GATES ENERGY PRODUCTS AFFIL OF GATES RUBBER CO -- SEALED LEAD-ACID BATTERY --  
6140-01-111-3745

===== Product Identification =====

Product ID:SEALED LEAD-ACID BATTERY

MSDS Date:03/01/1990

FSC:6140

NIIN:01-111-3745

MSDS Number: BGMHB

=== Responsible Party ===

Company Name:GATES ENERGY PRODUCTS AFFIL OF GATES RUBBER CO

Address:1050 S BROADWAY

Box:5887

City:DENVER

State:CO

ZIP:80217

Country:US

Info P

hone Num:303-744-5360

Emergency Phone Num:303-744-1911

CAGE:57053

=== Contractor Identification ===

Company Name:ENGINEERED ASSEMBLIES AND COMPONENTS CORP

Address:5289 CAPITAL BLVD

Box:City:RALEIGH

State:NC

ZIP:27604-2925

Country:US

Phone:919-790-9700

CAGE:0AC65

Company Name:GATES ENERGY PRODUCTS AFFIL OF GATES RUBBER CO

Address:1050 S BROADWAY

Box:5887

City:DENVER

State:CO

ZIP:80217

Country:US

CAGE:57053

Company Name:TELEDYNE BROWN ENGINEERING

CAGE:14925

===== Composition/Information =====

on Ingredients =====

Ingred Name:LEAD (SARA III)  
CAS:7439-92-1  
RTECS #:OF7525000  
Fraction by Wt: 69%  
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:ACID ELECTROLYTE (PROPRIETARY)  
Fraction by Wt: 21%  
ACGIH TLV:1.0MG/M\*3

Ingred Name:NON-HAZARDOUS MATERIALS  
Fraction by Wt: 10%

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

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO  
Health Hazards Acute and Chronic:MANUFACTURER STATES NO EXPOSURE.  
SEALED BATTERY IS AN ARTICLE.  
Effects of Overexposure:MANUFACTURER STATES NO EXPOSURE. SEALED BATTERY IS AN ARTICLE.  
Medical Cond Aggravated by Exposure:ECZEMA,DERMATITIS.

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

First Aid:EYES/SKIN:FLUSH WITH LARGE AMOUNTS OF WATER.SEE DOCTOR IMMEDIATELY. INHALATION:REMOVE TO FRESH AIR. INGESTION:GIVE WATER OR MILK,THEN 2 OZ MILK OF MAGNESIA.SEE DOCTOR IMMEDIATELY. DO NOT INDUCE VOMITING.

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

Flash Point:NONE  
Extinguishing Media:MULTI-PURPOSE DRY CHEMICAL OR MULTI-PURPOSE CO\*2.  
Fire Fighting Procedures:COOL BATTERY EXTERIOR TO PREVENT RUPTURE.THE ACID MISTS & VAPORS IN A FIRE ARE TOXIC & CORROSIVE. USE SCBA & PROTECTIVE CLOTHING.  
Unusual Fire/Explosion Hazard:HYDROGEN GAS MAY BE PRODUCED AND MAY EXPLODE IF IGNITED. REMOVE ALL SOURCES OF IGNITION. VENTILATE AREA.

===== Acc

idental Release Measures =====

Spill Release Procedures:PREVENT CONTACT WITH SPILLED MATERIAL. USE SODA ASH OR LIME TO NEUTRALIZE. FLUSH WITH LARGE AMOUNTS OF WATER AND PLACE IN ACID RESISTANCE CONTAINERS.WEAR ACID RESISTANT BOOTS,FACESHIELD,CHEMICAL SPLASH GOGGLES & ACID RESISTANT GLOVES. Neutralizing Agent:SODA ASH (SODIUM CARBONATE),LIME (CALCIUM OXIDE).

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

Handling and Storage Precautions:STORE IN A CLIMATE CONTROLLED WAREHOUSE TEMPERATURE NOT TO EXCEED 70F. Other Precautions:NONE.

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

Respiratory Protection:NONE REQUIRED UNDER NORMAL USE. Ventilation:MECHANICAL (GENERAL) VENTILATION. Protective Gloves:VINYL COATED,PVC GLOVES. Eye Protection:SAFETY GLASSES. Other Protective Equipment:SAFETY SHOES. EYE WASH & SAFETY SHOWER. Work Hygienic Practices:WASH HANDS THOROUGHLY AFTER HANDLING. Supplemental Safety and Health MANUFACTURER STATES NO EXPOSURE. SEALED BATTERY IS AN ARTICLE.

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

HCC:C1 Appearance and Odor:SEALED LEAD-ACID BATTERY

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

Stability Indicator/Materials to Avoid:YES NONE NOTED,BUT EXPECT COMBUSTIBLE MATLS,REDUCING AGENTS,METALS,CARBIDES,ORGANIC MATL,CHLORATES,NITRATES,PICRATES&FULMINATE Stability Condition to Avoid:AVOID SHORTING. USE ONLY APPROVED CHARGING M

ETHODS.

Hazardous Decomposition Products:HYDROGEN GAS.

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

Waste Disposal Methods:DISPOSE OF IAW FEDERAL,STATE & LOCAL REGULATIONS.

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