

## **0228 ZEP BATTERY COAT**

### **MSDS Number**

BBHXX

### **National Stock Number**

6850-00F001164

### **Product Name**

0228 ZEP BATTERY COAT

### **Manufacturer**

ZEP MFG COMPANY

### **Product Identification**

Product ID:0228 ZEP BATTERY COAT

MSDS Date:05/23/1986

FSC:6850

NIIN:00F001164

MSDS Number: BBHXX

### **Responsible Party**

ZEP MFG COMPANY

ATLANTA , GA 30301

US

Emergency Phone: 404-435-2973

Info Phone: 404-352-1680/404-996-0899

Cage: EO578

### **Contractor**

ZEP MFG COMPANY

2015

ATLANTA, GA 30301

US

404-352-1680/404-996-0844

Cage: EO578

### **Ingredients**

METHYLENE CHLORIDE (SARA III)

CAS: 75-09-2

RTECS: PA8050000

Fraction By Weight: 60-70%

OSHA PEL500 PPM/C,1000; Z2

ACGIH TLV: 50 PPM, A2; 9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

TOLUENE (SARA III)

CAS: 108-88-3

RTECS: XS5250000

Fraction By Weight: 10-20%

OSHA PEL50 PPM; 9293  
ACGIH TLV: 100 PPM/150 STEL  
EPA Report Quantity: 1000 LBS  
DOT Report Quantity: 1000 LBS

2-BUTOXYETHANOL

CAS: 111-76-2

RTECS: KJ8575000

Fraction By Weight:

OSHA PELs, 25 PPM

ACGIH TLV: S, 25 PPM; 9192

XYLENES (O-,M-,P- ISOMERS) (SARA III)

CAS: 1330-20-7

RTECS: ZE2100000

Fraction By Weight: 5-10%

OSHA PEL100 PPM/150 STEL

ACGIH TLV: 100 PPM/150 STEL; 9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

## Hazards

Routes of Entry: Inhalation: YES Skin: YES Ingestion: YES  
Reports of Carcinogenicity: NTP: NO IARC: NO OSHA: NO  
Health Hazards Acute and Chronic: INHALATION: CENTRAL NERVOUS SYSTEM  
DEPRESSION, CARDIAC DEPRESSION & UPPER RESPIRATORY TRACT  
IRRITATION, DEATH. MUCOUS MEMBRANE IRRITATION. INGESTION:  
ASPIRATION HAZARD. EYES: REVERSIBLE DAMAGE, IRRITATION, SKIN:  
ABSORPTION MAY PRODUCE, LIVER, KIDNEY CNS DAMAGE.  
Explanation of Carcinogenicity: NONE  
Effects of Overexposure: INHALATION: DIZZINESS, HEADACHE, NAUSEA,  
STUPOR, UNCONSCIOUSNESS, NUMBNESS IN THE EXTREMITIES, CONFUSION.  
SKIN: BURNING SENSATION, REDDENING. EYES: BLURRED VISION.  
Medical Cond Aggravated by Exposure: RESPIRATORY & CARDIAC CONDITIONS,  
DEFATED SKIN, LIVER DISEASE.

## First Aid

First Aid: SKIN: WASH THOROUGHLY W/ SOAP/MILD DETERGENT. APPLY SKIN  
CREAM. EYES: FLUSH W/ PLENTY OF WATER FOR 15 MINUTES. INHALATION:  
REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF NECESSARY. OBTAIN MEDICAL  
ATTENTION IN ALL CASES.

## Fire Fighting

Flash Point Method: TCC  
Flash Point: NONE  
Extinguishing Media: FOAM, CO2, DRY CHEMICAL  
Fire Fighting Procedures: WEAR SELF CONTAINED BREATHING APPARATUS  
Unusual Fire/Explosion Hazard: CONCENTRATED VAPOR MAY IGNITE IF EXPOSED  
TO SPARK.

## Accidental Release

Spill Release Procedures: OBSERVE SAFETY PRECAUTIONS. SPILL MAY BE  
ABSORBED ON AN INERT ABSORBANT, PLACED IN A SUITABLE CONTAINER FOR  
DISPOSAL. WASH AREA THOROUGHLY W/ A DETERGENT SOLUTION & RINSE WELL  
W/ WATER.

## Handling

Handling and Storage Precautions: DON'T STORE AT TEMPERATURES >120F OR IN DIRECT SUNLIGHT. DON'T PUNCTURE OR INCINERATE CONTAINER. DON'T BREATH SPRAY MISTS OR VAPORS.  
Other Precautions: VAPORS ARE HEAVIER THAN AIR & WILL ACCUMULATE AT LOW POINTS. VENTILATION SHOULD INCLUDE FLOOR LEVEL EXHAUSTING. KEEP OUT OF REACH OF CHILDREN.

## Exposure Controls

Respiratory Protection: REQUIRED  
Ventilation: SHOULD BE EQUAL TO OUTDOORS, EXHAUST FANS & EXHAUST HOODS. SHOULD INCLUDE FLOOR LEVEL EXHAUSTING.  
Protective Gloves: REQUIRED  
Eye Protection: REQUIRED  
Work Hygienic Practices: REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.  
Supplemental Safety and Health

## Chemical Properties

Boiling Pt: B.P. Text: 102-300F  
Vapor Pres: 210  
Spec Gravity: 1.14  
Evaporation Rate & Reference: (BU AC = 1): 0.75  
Solubility in Water: NEGLIGIBLE  
Appearance and Odor: RED, VISCOUS LIQUID W/CHLORINATED HYDROCARBON ODOR  
Percent Volatiles by Volume: 90

## Stability

Stability Indicator/Materials to Avoid: YES  
OXIDIZING AGENTS  
Stability Condition to Avoid: HEAT, OPEN FLAMES, DIRECT SUNLIGHT, SPARKS, TEMP > 120F & OTHER IGNITION SOURCES.  
Hazardous Decomposition Products: HYDROGEN CHLORIDE, PHOSGENE, CHLORINE GAS.

## Disposal

Waste Disposal Methods: DON'T CRUSH, PUNCTURE, INCINERATE SPENT CONTAINERS. LARGE NUMBERS OR AEROSOL CONTAINERS MAY REQUIRE HANDLING AS A HAZARDOUS WASTE. CONSULT FEDERAL, STATE & LOCAL REGULATIONS FOR PROPER DISPOSAL METHODS.

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.