

## **FM 47 IDENTIFICATION LACQUER, 8% SOLIDS**

### **MSDS Number**

BBNMJ

### **National Stock Number**

8010-00F003660

### **Product Name**

FM 47 IDENTIFICATION LACQUER, 8% SOLIDS

### **Manufacturer**

AMERICAN CYANAMID CO

### **Product Identification**

Product ID: FM 47 IDENTIFICATION LACQUER, 8% SOLIDS

MSDS Date: 01/01/1987

FSC: 8010

NIIN: 00F003660

MSDS Number: BBNMJ

### **Responsible Party**

AMERICAN CYANAMID CO/WAYNE, NY 07470

Emergency Phone: (201) 835-3100

Cage: 70361

### **Contractor**

AMERICAN CYANAMID CO

CLIFTON, NJ 07015

US

973-683-2000

Cage: 70361

### **Ingredients**

ETHYL ALCOHOL (ETHANOL)

CAS: 64-17-5

RTECS: KQ6300000

Fraction By Weight: 7.36%

OSHA PEL1000 PPM

ACGIH TLV: 1000 PPM; 9192

SEC-BUTYL ALCOHOL (SARA III)

CAS: 78-92-2

RTECS: EO1750000

Fraction By Weight: 7.36%

OSHA PEL150 PPM

ACGIH TLV: 100 PPM; 9293

ETHYLENE DICHLORIDE (SARA III)

CAS: 107-06-2

RTECS: KI0525000

Fraction By Weight: 14.7%  
OSHA PEL50 PPM/C,100PPM  
ACGIH TLV: 10 PPM; 9293  
EPA Report Quantity: 100 LBS  
DOT Report Quantity: 100 LBS

1,4-DIOXANE (DIETHYLENE DIOXIDE) (SARA III)

CAS: 123-91-1

RTECS: JG8225000

Fraction By Weight: 59.4%  
OSHA PELs, 100 PPM  
ACGIH TLV: S, 25 PPM; 9293  
EPA Report Quantity: 100 LBS  
DOT Report Quantity: 100 LBS

METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)

CAS: 78-93-3

RTECS: EL6475000

Fraction By Weight: 2.56%  
OSHA PEL200 PPM/300 STEL  
ACGIH TLV: 200 PPM/300STEL 9192  
EPA Report Quantity: 5000 LBS  
DOT Report Quantity: 5000 LBS

## Hazards

Effects of Overexposure:INHALATION OVEREXPOSURE TO DIOXANE VAPOR CAUSE  
NAUSEA/VOMITING/EYE IRRITATION/RESPIRATORY TRACT.

## First Aid

First Aid:IN CASE OF SKIN CONTACT, WASH AFFECTED AREAS OF SKIN W/SOAP &  
WATER. IN CASE OF EYE CONTACT, IRRIGATE W/WATER FOR 15 MINUTES. IF  
VAPOR OF THIS MATERIAL IS INHALED, REMOVE FROM EXPOSURE. ADMINISTER  
OXY GEN IF THERE IS DIFFICULTY IN BREATHING.

## Fire Fighting

Flash Point:43F (CC)  
Extinguishing Media:USE WATER SPRAY, ALCOHOL FOAM, CO2 OR DRY CHEMICAL  
Fire Fighting Procedures:WATER MAYBE INEFFECTIVE. USE WATER TO KEEP  
CONTAINERS COOL.  
Unusual Fire/Explosion Hazard:WEAR SELF-CONTAINED, POSITIVE PRESSURE  
BREATHING APPARATUS.

## Accidental Release

Spill Release Procedures:COVER SPILLS W/SOME INERT ABSORBENT MATERIAL;  
SWEEP UP AND PLACE IN A WASTE DISPOSALCONTAINER. FLUSH AREA WITH  
WATER. REMOVE SOURCES OF IGNITION.

## Handling

Handling and Storage Precautions:AREAS CONTAINING THIS MATERIAL SHOULD  
HAVE FIRE-SAFE PRACTICES/ELECTRICAL EQUIPMENT IN ACCORDAE  
W/ELECTRICAL/FIRE PROTECTION CODES (NFPA-30)  
Other Precautions:VAPOR PRESSURE OF ORGANIC LIQUIDS INCREASES WITH  
TEMPERATURE. STORE AWAY FROM SOURCES OF HEAT.

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## Exposure Controls

Respiratory Protection:WEAR NIOSH APPROVED POSITIVE PRESSURE  
SELF-CONTAINED RESPIRATOR  
Ventilation:PROVIDE LOCAL EXHAUST VENTILATION TO KEEP BELOW TLV  
Protective Gloves:BARRIER CREAMS  
Eye Protection:GOGGLES  
Other Protective Equipment:PROVIDE EYEWASH FOUNTAIN AND SAFETY SHOWER.  
Supplemental Safety and Health

## Chemical Properties

Boiling Pt:B.P. Text:176F  
Vapor Pres:80  
Spec Gravity:0.83  
Solubility in Water:NEGLIGIBLE  
Appearance and Odor:VARIOUSLY COLORED LIQUID; SOLVENT ODOR.  
Percent Volatiles by Volume:92%

## Stability

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS; MINERAL ACIDS  
Stability Condition to Avoid:NONE KNOWN  
Hazardous Decomposition Products:CO, CO2, HYDROGEN CHLORIDE,  
FORMALDEHYDE, OXIDES OF NITROGEN  
Conditions to Avoid Polymerization:POLYMERIZATION MAY OCCUR SLOWLY AT  
TEMP. STORE/BELOW 0F.

## Disposal

Waste Disposal Methods:DISPOSAL MUST BE MADE IN ACCORDANCE WITH  
APPLICABLE GOVERNMENTAL REGULATIONS.

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