

3M ADHESIVES COATINGS AND SEAL -- FC0206CF LIGHT WATER BRAND AQUEOUS FILM FORMI

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MSDS Safety Information  
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FSC: 4210  
NIIN: 01-139-4972  
MSDS Date: 02/22/1991  
MSDS Num: BSHNB  
Product ID: FC0206CF LIGHT WATER BRAND AQUEOUS FILM FORMING FOAM  
MFN: 01  
Responsible Party  
Cage: 04963  
Name: 3M CO. ADHESIVES COATINGS AND SEALERS DIV.  
A  
Address: 3M CENTER  
City: ST. PAUL MN 55144-1000  
Info Phone Number: 612-733-1110  
Emergency Phone Number: 612-733-1110  
Review Ind: Y  
Published: Y

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Contractor Summary  
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Cage: 04963  
Name: 3M MINNESOTA MINING AND MFG CO ADHESIVES SEALERS DIV  
Address: 3M CTR  
City: SAINT PAUL MN 55144-1000  
Phone: 800-364-3577/651-737-6501(24 HOURS)

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Item Description Information  
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Item Manager: S9I  
Item Name: FOAM LIQUID,FIRE EXTINGUISHING  
Unit of Issue: CN  
Quantitative Expression: 0000000005GL  
UI Container Qty: 1

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Ingredients  
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Cas: 7732-18-5  
RTECS #: ZC0110000  
Name: WATER  
% Wt: 78-81  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: NOT ESTABLISHED  
ACGIH TLV: NOT ESTABLISHED  
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Cas: 112-34-5  
RTECS #: KJ9100000  
Name: DIETHYLENE GLYCOL MONOBUTYL ETHER  
% Wt: 10  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: NOT ESTABLISHED  
ACGIH TLV: NOT ESTABLISHED  
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Cas: 57-13-6  
RTECS #: YR6250000  
Name: UREA  
% Wt: 6.0  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: NOT ESTABLISHED  
ACGIH TLV: NOT ESTABLISHED  
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Cas: 29385-43-1  
RTECS #: DM1300000  
Name: IH-BENZOTRIAZOLE,METHYL  
% Wt: &lt;0.1  
Other REC Limits: NONE RECOMMEN  
DED  
OSHA PEL: NOT ESTABLISHED  
ACGIH TLV: NOT ESTABLISHED  
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Cas: 102-71-6  
RTECS #: KL9275000  
Name: TRIETHANOLAMINE  
% Wt: 0.5  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: NOT ESTABLISHED  
ACGIH TLV: 5 MG/M3; 9394  
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Name: FLUOROALKYL SURFACTANTS +(5807P, 5808P)  
% Wt: 1-3  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: NOT ESTABLISHED  
ACGIH TLV: NOT ESTABLISHED  
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Name: SYNTHETIC DETERGENTS +(5809P, 5810)  
% Wt: 2-5  
Othe

r REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

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Health Hazards Data  
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LD50 LC50 Mixture: UNKNOWN

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: NO

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: EYES- MAY CAUSE MODERATE IRRITATION. SKIN- MAY CAUSE IRRITATION ON PROLONGED CONTACT. INHALATION- MIST OR VAPORS MAY CAUSE

IRRITATION OF THE RESPIRATORY SYSTEM. VERY HIGH CONCENTRATIONS MAY CAUSE PULM ONARY EDEMA. POSSIBLE INJURY OF THE BLOOD. INGESTION- NOT AN EXPECTED ROUTE OF INDUSTRIAL EXPOSURE.

Signs And Symptions Of Overexposure: INHALATION- VERY HIGH CONCENTRATION OF VAPORS MAY CAUSE VOMITING, NAUSEA, DIARRHEA, ABDOMINAL PAIN, AND STUPOR. MAY CAUSE UNCONSCIOUSNESS, FLUSHING OF FACE WITH DIZZINESS, NAUSEA, HEADACHE, COUGH, SOR E THROAT, SHORTNESS OF BREATH, CONFUSION, CONVULSIONS AND LETHARGY.

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Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER.

First Aid: EYES- IMMEDIATELY FLUSH WITH PLENTY OF WATER. CONTINUE FOR 10 MINUTES. CALL A PHYSICIAN. SKIN- WASH AFFECTED AREA WITH SOAP AND WATER. INHALATION- IF SYMPTOMS OCCUR, REMOVE PERSON TO FRESH AIR. IF S YMPTOMS CONTINUE, CALL A PHYSICIAN. INGESTION- GIVE TWO GLASSES OF WATER. CALL A PHYSICIAN OR POISON CONTROL CENTER.

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Handling and Disposal  
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Spill Release Procedures: OBSERVE PRECAUTIONS OROM OTHER SECTIONS. COVER WITH ABSORBENT MATERIAL. COLLECT SPILLED MATERIAL. CLEAN UP RESIDUE WITH WATER.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: BLEED SPENT SOLUTIONS AND SMALL PRODUCT QUANTITIES, GENERALLY &lt;5 GAL., TO A WASTEWATER TREATMENT SYSTEM. REDUCE DISCHARGE RATE IF FOAMING OCCURS. INCINERATE BULK PRODUCT IN AN INDUSTRIAL OR COMMERCIAL INCINERATOR. CONSU

LT APPLICABLE REGULATIONS.

Handling And Storage Precautions: GENERAL SAFE PRACTICE REQUIRES THAT CONTACT WITH THE SKIN AND EYES AND BREATHING OF VAPORS, FUMES, MISTS, OR DUSTS SHOULD BE AVOIDED.

Other Precautions: NONE

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Fire and Explosion Hazard Information  
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Flash Point Method: SCC

Flash Point Text: NONE

Extinguishing Media: FC-206CF IS A FIRE EXTINGUISHING AGENT.

Fire Fighting Procedures:

FULL PROTECTIVE CLOTHING INCLUDING SELF-CONTAINED BREATHING APPARATUS, COAT, PANTS, GLOVES, BOOTS, AND BANDS AROUND LEGS, ARMS AND WAIST SHOULD BE PROVIDED.

Unusual Fire/Explosion Hazard: TOXIC BY-PRODUCTS, INCLUDING SMALL AMOUNTS OF HF, MAY BE FORMED.

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Control Measures  
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Respiratory Protection: NIOSH-APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE AND PARTICULATE FILTER

Ventilation: GENERAL VENTILATION IS ADEQUATE.

Protective Gloves: RUBBER GLOVES.

Eye Protection: SAFETY GOGGLES.

Other Protective Equipment: PROTECTIVE CLOTHING.

Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health: NONE

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Physical/Chemical Properties  
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HCC: N1

B.P. Text: 212F,100C

Decomp Text: UNKNOWN

Vapor Pres: 30.4 MM HG

Vapor Density: 0.62

Spec Gravity: 1.000

PH: 8

Solubility in Water: MISCIBLE

Appearance and Odor: CLEAR, AMBER COLORED LIQUID.

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Reactivity Data  
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Stability Indicator: YES

Hazardous Decomposition Products: THERMAL DECOMPOSITION MAY PRODUCE TOXIC MATERIALS INCLUDING HF.

Hazardous Polymerization Indicator: NO

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Toxicological Information  
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Ecological Information  
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MSDS Transport Information  
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Regulatory Information  
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Transportation Information  
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Responsible Party Cage: 04963  
Trans ID NO: 110329  
Product ID: FC0206CF LIGHT WATER BRAND AQUEOUS FILM FORMING FOAM  
MSDS Prepared Date: 02/22/1991  
Review Date: 01/28/1994  
MFN: 1  
Net Unit Weight: 41.7 LBS  
Multiple KIT Number: 0  
Review IND: Y  
Unit Of Issue: CN  
Container QTY: 1  
Additional Data: NONE

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Detail DOT Information  
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DOT PSN Code: ZZZ  
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION  
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Detail IMO Information  
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IMO PSN Code: ZZZ  
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION  
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Detail IATA Information

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IATA PSN Code: ZZZ  
IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION  
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Detail AFI Information

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AFI PSN Code: ZZZ  
AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION  
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HAZCOM Label

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Product ID: FC0206CF LIGHT WATER BRAND AQUEOUS FILM FORMING FOAM  
Cage: 04963  
Company Name: 3M MINNESOTA MINING AND MFG CO ADHESIVES SEALERS DIV  
Street: 3M CTR  
City: SAINT PAUL MN  
Zipcode: 55144-1000  
Health Emergency Phone: 612-733-1110  
Label Required IND: Y  
Date Of Label Review: 01/28/1994  
Status Code: C  
Label Date: 01/28/1994  
Origination Code: F  
Eye Protection IND: YES  
Skin Protection IND: YES  
Signal Word: WARNING  
Respiratory Protection IND: YES  
Health Hazard: Moderate  
Contact Hazard: Slight  
Fire Hazard: None  
Reactivity Hazard: None  
Hazard And Precautions: EYES- MAY CAUSE MODERATE IRRITATION. SKIN- MAY CAUSE IRRITATION ON PROLONGED CONTACT. INHALATION- MIST OR VAPORS MAY CAUSE IRRITATION OF THE RESPIRATORY SYSTEM. VERY HIGH CONCENTRATIONS MAY CAUSE PULMONARY EDEMA. POSSIBLE INJURY OF THE BLOOD. AVOID CONTACT WITH THE SKIN AND EYES AND BREATHING OF VAPORS, FUMES, MISTS, OR DUSTS. FIRST AID: EYES- IMMEDIATELY FLUSH WITH PLENTY OF WATER.

CONTINUE FOR 10 MINUTES. CALL A  
PHYSICIAN. SKIN- WASH AFFECTED AREA WITH SOAP AND WATER. INHALATION- REMOVE  
PERSON TO FRESH AIR. IF SYMPTOMS CONTINUE, CALL A PHYSICIAN. INGESTION- GIVE  
TWO GLASSES OF WATER. CALL A PHYSICIAN OR POISON CONTROL CENTER.

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