

3M, INDUSTRIAL SPECIALTIES DIV -- FASTBOND 42-NF PLUS NV INSULATION ADHESIVE

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MSDS Safety Information
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FSC: 1680
NIIN: 00-808-0748
MSDS Date: 03/12/1997
MSDS Num: CGMWF
Product ID: FASTBOND 42-NF PLUS NV INSULATION ADHESIVE
MFN: 01
Kit Part: Y
Responsible Party
Cage: 52152
Name: 3M, INDUSTRIAL SPECIALTIES DIVISION
Address: 3M CENTER
City: SAINT PAUL MN 55144-1000
Info Phone Number: 612-733-1110
Emergency Phone Number: 612-733-1110
Preparer's Name: UNKNOWN
Review Ind: Y
Published: Y

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Contractor Summary
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Cage: 52152
Name: 3M, INDUSTRIAL TAPE AND SPECIALTIES DIVISION
Address: 3M CENTER
City: ST PAUL MN 55144-1000
Phone: 1-800-364-3577
Cage: 31435
Name: LUCAS AEROSPACE POWER EQUIPMENT CORP
Address: 17600 BROADWAY AVENUE
City: MAPLE HEIGHTS OH 44137-3420
Phone: UNKNOWN

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Item Description Information
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Unit of Issue: EA
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Ingredients
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Cas: 8052-42-4
RTECS #: CI9900000
Name: ASPHALT (PETROLEUM)
% Wt: 35-45
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: 5 MG/M3; (FUME);9596

Cas: 7732-18-5
RTECS #: ZC0110000
Name: WATER
% Wt: 30-40
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT RELEVANT
ACGIH TLV: NOT RELEVANT

Cas: 9003-55-8
RTECS #: WL6478000
Name: BUTADIENE-STYRENE POLYMER (RUBBER)
% Wt: 10-20
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Cas: 8052-10-6
RTECS #: 1009190TR
Name: TALL-OIL ROSIN
% Wt: 5-20
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Cas: 9000-71-9
RTECS #: 1009294CS
Name: CASEINS
% Wt: 0.5-1.5
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

RTECS #: 9999999VO
Name: VOLATILE ORGANIC CONTENT: 0 GM/L CALCULATED PER SCAQMD RULLE 443.1.
% Wt: 0
Other 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: NONE SPECIFIED BY MANUFACTURER.
Route Of Entry Inds - Inhalation: NO
Skin: YES
Ingestion: YES
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO
Effects of Exposure: CONTACT MAY CAUSE SKIN & EYE IRRITATION. HEALTH EFFECTS FROM INHALATION ARE NOT EXPECTED UNLESS PRODUCT IS HEATED. INGESTION MAY CAUSE ABDOMINAL PAIN. NOTE: EXPOSURE TO THIS MATERIAL IN NORMAL STORAGE & HANDLING HAS NOT BEEN REPORTED TO CAUSE SIGNIFICANT ADVERSE HEALTH EFFECTS.
Explanation Of Carcinogenicity: NO INGREDIENT OF A CONCENTRATION OF 0.1% OR GREATER IS LISTED AS A CARCINOGEN BY IARC, NTP OR OSHA.
Signs And Symptoms Of Overexposure: EYES-REDNESS, SWELLING, PAIN, TEARING. SKIN-REDNESS, SWELLING, ITCHING. INGESTED-ABDOMINAL PAIN.
Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER.
First Aid: EYES-FLUSH WITH LOTS OF WATER FOR 15 MINUTES, HOLD LIDS OPEN. GET IMMEDIATE MEDICAL ATTENTION. SKIN-FLUSH WITH LOTS OF WATER. SEEK MEDICAL ATTENTION IF SYMPTOMS PERSIST. INHALED-NONE NORMALLY NEEDED. INGESTED-DONOT INDUCE VOMITING! IF CONSCIOUS, DRINK 2 GLASSES WATER. CALL A PHYSICIAN.

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Handling and Disposal

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Spill Release Procedures: OBSERVE PRECAUTIONS FROM OTHER SECTIONS. CONTAIN SPILL. COVER WITH ABSORBENT MATERIAL. CLEAN UP RESIDUE. PLACE IN A POLYETHYLENE-LINED METAL CONTAINER.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: CURE PRODUCT ACCORDING TO PRODUCT INSTRUCTIONS. INCINERATE IN AN INDUSTRIAL OR COMMERCIAL FACILITY. DISPOSE OF COMPLETELY CURED (OR POLYMERIZED) MATERIAL IN A SANITARY LANDFILL.

Handling And Storage Precautions: STORE AT TEMPERATURES ABOVE 32F (0C). KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP OUT OF REACH OF CHILDREN.

Other Precautions: FOR INDUSTRIAL OR PROFESSIONAL USE ONLY.
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Fire and Explosion Hazard Information

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Flash Point Text: NONE

Extinguishing Media: DRY CHEMICAL, FOAM, WATER.

Fire Fighting Procedures: WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND FULL FACE-PIECE SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard: NONE KNOWN.
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Control Measures

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Respiratory Protection: AVOID BREATHING OF VAPORS, MIST OR SPRAY.

Ventilation: USE IN A WELL-VENTILATED AREA.

Protective Gloves: BUTYL, POLYETHYLENE, SARANEX.

Eye Protection: SAFETY GLASSES/CHEMICAL SPLASH GOGGLES.

Other Protective Equipment: NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices: WASH HANDS AFTER HANDLING & BEFORE EATING.

Supplemental Safety and Health: KEY1=N1. PART A OF TWO PART KIT, SEE PNI B THIS NSN FOR PART B.
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Physical/Chemical Properties

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HCC: N1

B.P. Text: >212F,>100C

M.P/F.P Text: UNKNOWN

Vapor Pres: 17.5

Vapor Density: UNKNOWN

Spec Gravity: 1.02

PH: 9-10

Viscosity: 6K-110K CP

Solubility in Water: MODERATE

Appearance and Odor: BLACK LIQUID; SLIGHT ASPHALT ODOR.

Percent Volatiles by Volume: 35-40
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Reactivity Data

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Stability Indicator: YES

Stability Condition To Avoid: NONE SPECIFIED BY MANUFACTURER.

Materials To Avoid: NONE KNOWN.

Hazardous Decomposition Products: CARBON MONOXIDE AND CARBON DIOXIDE, TOXIC VAPORS, GASES OR PARTICULATES.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: HAZARDOUS POLYMERIZATION WILL NOT OCCUR.
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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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Other Information
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Transportation Information
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Responsible Party Cage: 52152
Trans ID NO: 86304
Product ID: FASTBOND 42-NF PLUS NV INSULATION ADHESIVE
MSDS Prepared Date: 03/12/1997
Review Date: 04/29/1998
MFN: 1
Net Unit Weight: UNKNOWN
Multiple KIT Number: 0
Kit Part IND: Y
Review IND: Y
Unit Of Issue: EA

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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: FASTBOND 42-NF PLUS NV INSULATION ADHESIVE
Cage: 52152
Company Name: 3M, INDUSTRIAL TAPE AND SPECIALTIES DIVISION
Street: 3M CENTER
City: ST PAUL MN
Zipcode: 55144-1000
Health Emergency Phone: 216-995-1000
Label Required IND: Y

Date Of Label Review: 04/29/1998

Status Code: C

Label Date: 04/29/1998

Origination Code: F

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: CAUTION

Respiratory Protection IND: YES

Health Hazard: Slight

Contact Hazard: Slight

Fire Hazard: None

Reactivity Hazard: None

Hazard And Precautions: TARGET ORGANS: SKIN, EYES, GI TRACT. CONTACT MAY CAUSE SKIN & EYE IRRITATION. HEALTH EFFECTS FROM INHALATION ARE NOT EXPECTED UNLESS PRODUCT IS HEATED. INGESTION MAY CAUSE ABDOMINAL PAIN. NOTE: EXPOSURE TO THIS MATERIAL IN NORMAL STORAGE & HANDLING HAS NOT BEEN REPORTED TO CAUSE SIGNIFIGANT ADVERSE HEALTH EFFECTS. FIRST AID: EYES-FLUSH WITH LOTS OF WATER FOR 15 MINUTES, HOLD LIDS OPEN. GET IMMEDIATE MEDICAL ATTENTION.SKIN-FLUSH WITH LOTS OF WATER. SEEK MEDICAL ATTENTION IF S YMPTOMS PERSIST.INHALED-NONE NORMALLY NEEDED. INGESTED-DO NOT INDUCE VOMITING! IF CONSCIOUS,DRINK 2 GLASSES WATER. CALL A PHYSICIAN.

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