

DOD Hazardous Materials Information System
DoD 6050.5-L
AS OF July 1998

FSC: 6850
NIIN: 00D004638
Manufacturer's CAGE: BLAIR
Part No. Indicator: A
Part Number/Trade Name: 43899 SPRAY-FIX

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General Information
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Item Name: NONE
Company's Name: BLAIR ART PRODUCTS
Company's Street: 4450 CRANWOOD PKY
Company's P. O. Box:
Company's City: CLEVELAND
Company's State: OH
Company's Country: US
Company's Zip Code: 44128
Company's Emerg Ph #: 216-663-3011
Company's Info Ph #: 216-663-3011
Distributor/Vendor # 1: HAMMETT J L CO (617-848-1000)
Distributor/Vendor # 1 Cage: 27028
Distributor/Vendor # 2:
Distributor/Vendor # 2 Cage:
Distributor/Vendor # 3:
Distributor/Vendor # 3 Cage:
Distributor/Vendor # 4:
Distributor/Vendor # 4 Cage:
Safety Data Action Code:
Safety Focal Point: D
Record No. For Safety Entry: 001
Tot Safety Entries This Stk#: 001
Status: SE
Date MSDS Prepared: 01MAY92
Safety Data Review Date: 16APR96
Supply Item Manager:
MSDS Preparer's Name: UNKNOWN
Preparer's Company:
Preparer's St Or P. O. Box:
Preparer's City:
Preparer's State:
Preparer's Zip Code:
Other MSDS Number:
MSDS Serial Number: BYSLK
Specification Number: NONE
Spec Type, Grade, Class: NONE
Hazard Characteristic Code: F1
Unit Of Issue:
Unit Of Issue Container Qty:
Type Of Container:
Net Unit Weight:

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NRC/State License Number: N/R
Net Explosive Weight:
Net Propellant Weight-Ammo: N/R
Coast Guard Ammunition Code:

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Ingredients/Identity Information
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Proprietary: NO
Ingredient: METHYL ALCOHOL (METHANOL) (SARA 313) (CERCLA)
Ingredient Sequence Number: 01
Percent: <5
Ingredient Action Code:
Ingredient Focal Point: D
NIOSH (RTECS) Number: PC1400000
CAS Number: 67-56-1
OSHA PEL: S, 200 PPM
ACGIH TLV: S,200PPM/250STEL; 95
Other Recommended Limit: NONE RECOMMENDED
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Proprietary: NO
Ingredient: ETHYL ALCOHOL (ETHANOL)
Ingredient Sequence Number: 02
Percent: 64-70
Ingredient Action Code:
Ingredient Focal Point: D
NIOSH (RTECS) Number: KQ6300000
CAS Number: 64-17-5
OSHA PEL: 1000 PPM
ACGIH TLV: 1000 PPM; 9495
Other Recommended Limit: NONE RECOMMENDED
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Proprietary: NO
Ingredient: PROPANE
Ingredient Sequence Number: 03
Percent: 5-10
Ingredient Action Code:
Ingredient Focal Point: D
NIOSH (RTECS) Number: TX2275000
CAS Number: 74-98-6
OSHA PEL: 1000 PPM
ACGIH TLV: ASPHYXIAN; 9495
Other Recommended Limit: NONE RECOMMENDED
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Proprietary: NO
Ingredient: ISOBUTANE
Ingredient Sequence Number: 04
Percent: 5-10
Ingredient Action Code:
Ingredient Focal Point: D
NIOSH (RTECS) Number: TZ4300000
CAS Number: 75-28-5
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

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Other Recommended Limit: NONE RECOMMENDED

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Proprietary: NO
Ingredient: N-BUTANE
Ingredient Sequence Number: 05
Percent: 5-10
Ingredient Action Code:
Ingredient Focal Point: D
NIOSH (RTECS) Number: EJ4200000
CAS Number: 106-97-8
OSHA PEL: 800 PPM (RTECS)

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ACGIH TLV: 800 PPM (RTECS)
Other Recommended Limit: NONE RECOMMENDED

Proprietary: NO
Ingredient: ETHYL ACETATE (CERCLA)
Ingredient Sequence Number: 06
Percent: 15-20
Ingredient Action Code:
Ingredient Focal Point: D
NIOSH (RTECS) Number: AH5425000
CAS Number: 141-78-6
OSHA PEL: 400 PPM
ACGIH TLV: 400 PPM; 9495
Other Recommended Limit: NONE RECOMMENDED

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Physical/Chemical Characteristics

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Appearance And Odor: CLEAR LIQUID; SOLVENT ODOR.
Boiling Point: -40F,-40C
Melting Point: UNKNOWN
Vapor Pressure (MM Hg/70 F): UNKNOWN
Vapor Density (Air=1): 4.0
Specific Gravity: 0.7
Decomposition Temperature: UNKNOWN
Evaporation Rate And Ref: UNKNOWN
Solubility In Water: NEGLIGIBLE
Percent Volatiles By Volume: N/K
Viscosity:
pH: N/K
Radioactivity:
Form (Radioactive Matl):
Magnetism (Milligauss):
Corrosion Rate (IPY): UNKNOWN
Autoignition Temperature:

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Fire and Explosion Hazard Data

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Flash Point: -40F,-40C
Flash Point Method: N/P
Lower Explosive Limit: 2
Upper Explosive Limit: 12
Extinguishing Media: WATER FOG, CARBON DIOXIDE, DRY CHEMICAL, FOAM.

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Special Fire Fighting Proc: AEROSOL CANS MAY RUPTURE WHEN HEATED. DLA-HMIS: WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR. COOL FIRE EXPOSED CONTAINERS WITH WATER.
Unusual Fire And Expl Hazrds: HEATED CANS MAY BURST.

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Reactivity Data

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Stability: YES
Cond To Avoid (Stability): NONE KNOWN.
Materials To Avoid: STRONG OXIDIZING AGENTS, ACTIVE METALS.
Hazardous Decomp Products: IN FIRE WILL DECOMPOSE TO WATER, CARBON DIOXIDE, HALOGEN ACIDS, PHOSGENE.
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): WILL NOT OCCUR.

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Health Hazard Data

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LD50-LC50 Mixture: UNKNOWN
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: NO
Route Of Entry - Ingestion: YES
Health Haz Acute And Chronic: ACUTE: INHALATION MAY CAUSE DIFFICULTY
BREATHING. CONTACT MAY CAUSE SKIN TO REDDEN. INGESTION MAY CAUSE VOMITING.
CHRONIC: NONE SPECIFIED BY MANUFACTURER.
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: NO INGREDIENT OF A CONCENTRATION OF 0.1% OR
GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.
Signs/Symptoms Of Overexp: INHALED-DIFFICULTY BREATHING. SKIN-REDDNESS.
INGESTED-VOMITING.
Med Cond Aggravated By Exp: HEART DISEASE, RESPIRATORY DISORDERS.
Emergency/First Aid Proc: INHALATION-REMOVE TO FRESH AIR. GIVE MOUTH-
TO-MOUTH RESUSCITATION IF NOT BREATHING. GET MEDICAL ATTENTION IMMEDIATELY.
EYE-FLUSH WITH WATER FOR 15 MINUTES, LIFT LIDS. GET MEDICAL ATTENTION
IMMEDIATELY. SKIN-WASH WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING.
INGESTION-DO NOT INDUCE VOMITING. NOTHING BY MOUTH IF UNCONSCIOUS. GET
MEDICAL ATTENTION IMMEDIATELY.
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Precautions for Safe Handling and Use

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Steps If Matl Released/Spill: USE ABSORBENT SWEEPING COMPOUND TO SOAK UP
MATERIAL. PUT INTO CONTAINER. DISPOSE OF AS HAZARDOUS WASTE.
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.
Waste Disposal Method: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND
FEDERAL ENVIRONMENTAL REGULATIONS. PRODUCT IS A HAZARDOUS WASTE IAW RCRA.
Precautions-Handling/Storing: KEEP AWAY FROM HEAT, SPARKS, OR OPEN FLAME.
DLA-HMIS: STORE IN A COOL, DRY PLACE AWAY FROM SOURCES OF IGNITION AND
STRONG OXIDIZING AGENTS.
Other Precautions: NONE SPECIFIED BY MANUFACTURER.
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Control Measures

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Respiratory Protection: IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE OR
AN EMERGENCY OCCURS; WEAR AN MSHA/NIOSH APPROVED AIR-SUPPLIED RESPIRATOR OR
SCBA, AS REQUIRED. USE IAW 29 CFR 1910.134.
Ventilation: USE LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV(S).
Protective Gloves: NONE NORMALLY REQUIRED.
Eye Protection: SAFETY GLASSES W/SIDE SHIELDS.
Other Protective Equipment: LONG SLEEVES AND LONG LEGGED PANTS. DLA-HMIS:
EYE WASH STATION & SAFETY SHOWER.
Work Hygienic Practices: WASH HANDS AFTER HANDLING AND BEFORE EATING,
DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.
Suppl. Safety & Health Data: MSDS PRESENTED BY CAGE 27028 FOR CONTRACT
SP0420-95-T-6794.
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Transportation Data

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Transportation Action Code:
Transportation Focal Point:
Trans Data Review Date:
DOT PSN Code:
DOT Symbol:
DOT Proper Shipping Name:
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DOT Class:
 DOT ID Number:
 DOT Pack Group:
 DOT Label:
 DOT/DoD Exemption Number:
 IMO PSN Code:
 IMO Proper Shipping Name:
 IMO Regulations Page Number:
 IMO UN Number:
 IMO UN Class:
 IMO Subsidiary Risk Label:
 IATA PSN Code:
 IATA UN ID Number:
 IATA Proper Shipping Name:
 IATA UN Class:
 IATA Subsidiary Risk Class:
 IATA Label:
 AFI PSN Code:
 AFI Symbols:
 AFI Prop. Shipping Name:
 AFI Class:
 AFI ID Number:
 AFI Pack Group:
 AFI Label:
 AFI Special Prov:
 AFI Basic Pac Ref:
 MMAC Code:
 N.O.S. Shipping Name:
 Additional Trans Data:

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Disposal Data

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Disposal Data Action Code:
 Disposal Data Focal Point:
 Disposal Data Review Date:
 Rec # For This Disp Entry:
 Tot Disp Entries Per NSN:
 Landfill Ban Item:
 Disposal Supplemental Data:
 1st EPA Haz Wst Code New:
 1st EPA Haz Wst Name New:
 1st EPA Haz Wst Char New:
 1st EPA Acute Hazard New:
 2nd EPA Haz Wst Code New:
 2nd EPA Haz Wst Name New:
 2nd EPA Haz Wst Char New:
 2nd EPA Acute Hazard New:
 3rd EPA Haz Wst Code New:
 3rd EPA Haz Wst Name New:
 3rd EPA Haz Wst Char New:
 3rd EPA Acute Hazard New:

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Label Data

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Label Required: YES
 Technical Review Date: 16APR96
 Label Date:
 MFR Label Number: N/R

Label Status: F
Common Name: 43899 SPRAY-FIX
Chronic Hazard: NO
Signal Word: DANGER!
Acute Health Hazard-None:
Acute Health Hazard-Slight:
Acute Health Hazard-Moderate: X
Acute Health Hazard-Severe:
Contact Hazard-None:
Contact Hazard-Slight: X
Contact Hazard-Moderate:
Contact Hazard-Severe:
Fire Hazard-None:
Fire Hazard-Slight:
Fire Hazard-Moderate:
Fire Hazard-Severe: X
Reactivity Hazard-None: X
Reactivity Hazard-Slight:
Reactivity Hazard-Moderate:
Reactivity Hazard-Severe:
Special Hazard Precautions: FLAMMABLE! INHALATION MAY CAUSE DIFFICULTY
BREATHING. CONTACT MAY CAUSE SKIN TO REDDEN. INGESTION MAY CAUSE VOMITING.
TARGET ORGANS: LUNGS, CNS, SKIN. IN CASE OF SPILL: USE ABSORBENT SWEEPING
COMPOUND TO SOAK UP MATERIAL. PUT INTO CONTAINER. DISPOSE OF AS HAZARDOUS

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WASTE. FIRST AID: INHALATION-REMOVE TO FRESH AIR. GIVE MOUTH-TO-MOUTH
RESUSCITATION IF NOT BREATHING. GET MEDICAL ATTENTION IMMEDIATELY. EYE-
FLUSH WITH WATER FOR 15 MINUTES, LIFT LIDS. GET MEDICAL ATTENTION
IMMEDIATELY. SKIN-WASH WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING.
INGESTION-DO NOT INDUCE VOMITING. NOTHING BY MOUTH IF UNCONSCIOUS. GET
MEDICAL ATTENTION IMMEDIATELY.

Protect Eye: Y

Protect Skin:

Protect Respiratory: Y

Label Name: HAMMETT J L CO

Label Street: HAMMETT PL

Label P.O. Box: 9057

Label City: BRAINTREE (FORMALLY IN LYONS NY)

Label State: MA

Label Zip Code: 02185-9057

Label Country: US

Label Emergency Number: 617-848-1000

Year Procured: 1995