

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

FSC: 8030
NIIN: 00N057661
Manufacturer's CAGE: 23577
Part No. Indicator: A
Part Number/Trade Name: POLYURETHANE EXPANDING FOAM SEALANT, 0909/0912

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General Information

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Item Name:
Company's Name: RED DEVIL INC
Company's Street: WEBB ST
Company's P. O. Box: A
Company's City: PRYOR
Company's State: OK
Company's Country: US
Company's Zip Code: 74362
Company's Emerg Ph #: 918-825-5744
Company's Info Ph #: 918-825-5744
Distributor/Vendor # 1:
Distributor/Vendor # 1 Cage:
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: N
Record No. For Safety Entry: 001
Tot Safety Entries This Stk#: 002
Status: SMJ
Date MSDS Prepared: 27JUL90
Safety Data Review Date: 17MAR95
Supply Item Manager:
MSDS Preparer's Name:
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: BWZZT
Specification Number:
Spec Type, Grade, Class:
Hazard Characteristic Code:
Unit Of Issue:
Unit Of Issue Container Qty:
Type Of Container:
Net Unit Weight:

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

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Ingredients/Identity Information

 Proprietary: YES
 Ingredient: PROPRIETARY
 Ingredient Sequence Number: 01
 Percent:
 Ingredient Action Code:
 Ingredient Focal Point: N
 NIOSH (RTECS) Number:
 CAS Number:
 OSHA PEL:
 ACGIH TLV:
 Other Recommended Limit:

Proprietary: YES
 Ingredient: PROPRIETARY
 Ingredient Sequence Number: 02
 Percent:
 Ingredient Action Code:
 Ingredient Focal Point: N
 NIOSH (RTECS) Number:
 CAS Number:
 OSHA PEL:
 ACGIH TLV:
 Other Recommended Limit:

Proprietary: YES
 Ingredient: PROPRIETARY
 Ingredient Sequence Number: 03
 Percent:
 Ingredient Action Code:
 Ingredient Focal Point: N
 NIOSH (RTECS) Number:
 CAS Number:
 OSHA PEL:
 ACGIH TLV:
 Other Recommended Limit:

Proprietary: YES
 Ingredient: PROPRIETARY
 Ingredient Sequence Number: 04
 Percent:
 Ingredient Action Code:
 Ingredient Focal Point: N
 NIOSH (RTECS) Number:
 CAS Number:
 OSHA PEL:
 ACGIH TLV:

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Other Recommended Limit:

Physical/Chemical Characteristics

Appearance And Odor: THICK, BROWN LIQUID SPRAY WITH SLIGHT ODOR
 Boiling Point: N/K
 Melting Point: N/K
 Vapor Pressure (MM Hg/70 F): <0.1
 Vapor Density (Air=1): >1
 Specific Gravity: 1.24
 Decomposition Temperature: N/K

Evaporation Rate And Ref: >1
 Solubility In Water: INSOLUBLE
 Percent Volatiles By Volume: N/K
 Viscosity:
 pH: N/A
 Radioactivity:
 Form (Radioactive Matl):
 Magnetism (Milligauss):
 Corrosion Rate (IPY): N/K
 Autoignition Temperature:

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 Fire and Explosion Hazard Data
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Flash Point: 416F, 213C
 Flash Point Method: COC
 Lower Explosive Limit: N/K
 Upper Explosive Limit: N/K
 Extinguishing Media: CARBON DIOXIDE OR DRY CHEMICAL.
 Special Fire Fighting Proc: USE WATER SPRAY OR FOG TO COOL FIRE-EXPOSED
 CONTAINERS. WEAR NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT (FP
 N).
 Unusual Fire And Expl Hazrds: CONTAINERS MAY EXPLODE WHEN EXPOSED TO
 EXTREME HEAT.

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 Reactivity Data
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Stability: YES
 Cond To Avoid (Stability): AVOID MOISTURE, EXTREME HEAT, DIRECT SUNLIGHT.
 Materials To Avoid: WATER, STRONG ALKALINES.
 Hazardous Decomp Products: CARBON MONOXIDE, CARBON DIOXIDE, HYDROGEN
 CYANIDE, NITROGEN DIOXIDE, ACETALDEHYDE.
 Hazardous Poly Occur: NO
 Conditions To Avoid (Poly): NOT RELEVANT.

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 Health Hazard Data
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LD50-LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.
 Route Of Entry - Inhalation: YES
 Route Of Entry - Skin: YES
 Route Of Entry - Ingestion: NO
 Health Haz Acute And Chronic: RESPIRATORY EXPOSURE MAY CAUSE IRRITATION,
 COUGHING, CHOKING, DIFFICULT BREATHING, CHESTPAIN, NAUSEA, WHEEZING,

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SHORTNESS OF BREATH, AND COUGHING. EYE CONTACT IS IRRITATING AND MAY CAUSE
 DAMAGE.

Carcinogenicity - NTP: NO
 Carcinogenicity - IARC: NO
 Carcinogenicity - OSHA: NO

Explanation Carcinogenicity: NOT RELEVANT.

Signs/Symptoms Of Overexp: SEE HEALTH HAZARDS.

Med Cond Aggravated By Exp: NONE SPECIFIED BY MANUFACTURER.

Emergency/First Aid Proc: EYES: IMMEDIATE FLUSH W/LARGE AMOUNTS OF WATER WHILE
 HOLDING THE EYELIDS OPEN. GET MED ATTN IF IRRIT PERSISTS. SKIN: REMOVE
 CONTAM CLTHG. WASH SKIN THORO W/SOAP & WATER. GET MED ATTN IF IRRIT
 PERSISTS. INHAL: MOVE VICTIM TO FRESH AIR & RESTORE BREATHING IF NECESSARY.
 STAY WITH VICTIM UNTIL ARRIVAL OF EMERGENCY MEDICAL PERSONNEL. INGEST:
 CONTACT LOCAL POISON CONTROL CENTER OR PHYSICIAN IMMEDIATELY!

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 Precautions for Safe Handling and Use
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 Steps If Matl Released/Spill: NONE SPECIFIED BY MANUFACTURER.
 Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.
 Waste Disposal Method: DISPOSE OF IN ACCORDANCE W/LOCAL, STATE & FEDERAL
 REGULATIONS (FP N).
 Precautions-Handling/Storing: STORE BELOW 120F. PREVENT DAMAGE TO
 CONTAINERS. THIS PRODUCT DOES NOT CONTAIN ANY CARCINOGEN (AT 0.1% OR
 GREATER) DETERMINED BY IARC, NTP OR OSHA.
 Other Precautions: THIS PRODUCT CONTAINS DIPHENYLMETHANE DIISOCYANATE, AN
 INGREDIENT LISTED IN SECTION 313 OF SARA TITLE II.
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Control Measures

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 Respiratory Protection: IF VENTILATION IS NOT ADEQUATE TO MAINTAIN MDI
 CONCENTRATIONS BELOW THE TLV, USE NIOSH/MSHA APPROVED RESPIRATOR
 APPROPRIATE FOR EXPOSURE OF CONCERN (FP N).
 Ventilation: LOCAL EXHAUST MAY BE NECESSARY UNDER SOME HANDLING/USE
 CONDITIONS.
 Protective Gloves: NEOPRENE/CHEM RESIST GLOVES.
 Eye Protection: ANSI APPRVD CHEM WORKERS GOGGS/FSHLD.
 Other Protective Equipment: IF POTENTIAL FOR SKIN CONT EXISTS, WEAR APRON/
 COVERALLS AS NEEDED TO PREVENT SKIN CONT. ANSI APPRVD EMER BATH (SUP DAT)
 Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.
 Suppl. Safety & Health Data: OTHER PROT EQUIP: & DELUGE SHOWER (FP N).
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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:
 DOT Class:
 DOT ID Number:
 DOT Pack Group:
 DOT Label:

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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: 17MAR95
 Label Date: 17MAR95

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MFR Label Number:
 Label Status: G
 Common Name: POLYURETHANE EXPANDING FOAM SEALANT, 0909/0912
 Chronic Hazard: NO
 Signal Word: WARNING!
 Acute Health Hazard-None:
 Acute Health Hazard-Slight: X
 Acute Health Hazard-Moderate:
 Acute Health Hazard-Severe:
 Contact Hazard-None:
 Contact Hazard-Slight:
 Contact Hazard-Moderate: X
 Contact Hazard-Severe:
 Fire Hazard-None:
 Fire Hazard-Slight: X
 Fire Hazard-Moderate:
 Fire Hazard-Severe:
 Reactivity Hazard-None: X
 Reactivity Hazard-Slight:
 Reactivity Hazard-Moderate:
 Reactivity Hazard-Severe:
 Special Hazard Precautions: ACUTE: RESPIRATORY EXPOSURE MAY CAUSE
 IRRITATION, COUGHING, CHOKING, DIFFICULT BREATHING, CHESTPAIN, NAUSEA,
 WHEEZING, SHORTNESS OF BREATH, AND COUGHING. EYE CONTACT IS IRRITATING AND
 MAY CAUSE DAMAGE. CHRONIC: NONE SPECIFIED BY MANUFACTURER.
 Protect Eye: Y

088346

Protect Skin: Y
Protect Respiratory: Y
Label Name: RED DEVIL INC
Label Street: WEBB ST
Label P.O. Box: A
Label City: PRYOR
Label State: OK
Label Zip Code: 74362
Label Country: US
Label Emergency Number: 918-825-5744
Year Procured: