

Black Emery Cake
05-2730

075643

65-2730

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

FSC: 5350
NIIN: 00N043727
Manufacturer's CAGE: 84563
Part No. Indicator: A
Part Number/Trade Name: DREMEL 500 8110 BLACK EMERY CAKE BUFFING COMPOUND

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General Information
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Item Name:
Company's Name: FORMAX MFG CORP
Company's Street: 3178 BELLEVUE
Company's P. O. Box:
Company's City: DETROIT
Company's State: MI
Company's Country: US
Company's Zip Code: 48207
Company's Emerg Ph #: 313-921-7030
Company's Info Ph #: 313-921-7030
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#: 001
Status: SMJ
Date MSDS Prepared: 10AUG89
Safety Data Review Date: 04OCT95
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: BTGWX
Specification Number:
Spec Type, Grade, Class:
Hazard Characteristic Code: N1
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
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Proprietary: NO
Ingredient: TRIGLYCERIDES
Ingredient Sequence Number: 01
Percent: 12
Ingredient Action Code:
Ingredient Focal Point: N
NIOSH (RTECS) Number: 1010183TG
CAS Number: 67189-97-7
OSHA PEL: 15 MG/M3 (MFR)
ACGIH TLV: 10 MG/M3 (MFR)
Other Recommended Limit: N/K

Proprietary: NO
Ingredient: TALLOW; (TALLOW GLYCERIDES)
Ingredient Sequence Number: 02
Percent: 15
Ingredient Action Code:
Ingredient Focal Point: N
NIOSH (RTECS) Number: 1009756TA
CAS Number: 67701-27-3
OSHA PEL: N/K (FP N)
ACGIH TLV: N/K (FP N)
Other Recommended Limit: N/K

Proprietary: NO
Ingredient: PARAFFIN; (PETROLATUM)
Ingredient Sequence Number: 03
Percent: 5
Ingredient Action Code:
Ingredient Focal Point: N
NIOSH (RTECS) Number: RV0350000
CAS Number: 8002-74-2
OSHA PEL: 2 MG/M3 (FUME)
ACGIH TLV: 2 MG/M3 (FUME)
Other Recommended Limit: N/K

Proprietary: NO
Ingredient: ALUMINUM OXIDE (2:3); (ALPHA ALUMINA) (MFR CAS # 1349-28-1)
Ingredient Sequence Number: 04
Percent: 55
Ingredient Action Code:
Ingredient Focal Point: N
NIOSH (RTECS) Number: BD1200000
CAS Number: 1344-28-1
OSHA PEL: N/K (FP N)
ACGIH TLV: N/K (FP N)

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Other Recommended Limit: N/K

Proprietary: NO
Ingredient: CLAY (KAOLIN); (HYDRATED/SILICATE)
Ingredient Sequence Number: 05
Percent: 13
Ingredient Action Code:
Ingredient Focal Point: N
NIOSH (RTECS) Number: GF1670500
CAS Number: 1332-58-7
OSHA PEL: 10MG/M3 TDUST;5RDUST

ACGIH TLV: 10 MG/M3 TDUST
 Other Recommended Limit: N/K

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Physical/Chemical Characteristics

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Appearance And Odor: CAKE FORM/BROWN COLOR/TALLOW ODOR
 Boiling Point: >250F,>121C
 Melting Point: 135F,57C
 Vapor Pressure (MM Hg/70 F): N/A
 Vapor Density (Air=1): N/A
 Specific Gravity: 1.5
 Decomposition Temperature: N/K
 Evaporation Rate And Ref: NONE
 Solubility In Water: NEGLIGIBLE
 Percent Volatiles By Volume: 0
 Viscosity:
 pH: N/K
 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: >300F,>149C
 Flash Point Method: COC
 Lower Explosive Limit: N/K
 Upper Explosive Limit: N/K
 Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL/FOAM.
 Special Fire Fighting Proc: WEAR NIOSH/MSHA APPROVED SCBA AND FULL
 PROTECTIVE EQUIPMENT (FP N). TREAT BUFFING DEBRIS, DUST, DIRT AS AN OIL
 FIRE.
 Unusual Fire And Expl Hazrds: NONE.

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Reactivity Data

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Stability: YES
 Cond To Avoid (Stability): NONE SPECIFIED BY MANUFACTURER.
 Materials To Avoid: STRONG OXIDIZERS OR REDUCING AGENTS.
 Hazardous Decomp Products: ON COMBUSTION HYDROCARBONS MAY FORM TO PRODUCE
 SMOKE, CARBON MONOXIDE, CARBON DIOXIDE.

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Hazardous Poly Occur: NO
 Conditions To Avoid (Poly): USING UNDER CONDITION OF INSUFFICIENT DUST
 COLLECTING SYSTEM.

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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: NO
 Route Of Entry - Ingestion: NO
 Health Haz Acute And Chronic: ACUTE: INHAL: MAY CAUSE COUGH, SHORT OF
 (DUST) BRTH. CHRONIC: MAY AFFECT BRTHG CAPACITY (DUST). INGEST: NO KNOWN
 ADVERSE EFTS, BUT INGEST NOT RECOMM. SKIN CONT & ABSORP: IRRIT OF SKIN MAY
 OCCUR DUE TO MECH/CHEM ACTION. EYE: DUST MAY IRRITATE. OTHER POTNTL HLTH
 RISKS (PRLNGD INHAL OF DUST PARTICLES MAY (EFTS OF OVEREXP)
 Carcinogenicity - NTP: NO

Carcinogenicity - IARC: NO

Carcinogenicity - OSHA: NO

Explanation Carcinogenicity: NOT RELEVANT

Signs/Symptoms Of Overexp: HLTH HAZ: RSLT IN DISABLING PULM FIBROSIS).

SYMPS MIGHT INCL DEPOSITS OF MATLS IN EYES, EARS, NASAL PASSAGES, IRRIT OF MUC MEMB. WARNING: DO NOT BREATHE DUST OF CMPDS CNTNG ABRASIVE MATLS W/OUT FOLLOW OSHA SFTY & HLTH STD FOR DUST ACCUMULATION COLLECTION.

Med Cond Aggravated By Exp: NONE SPECIFIED BY MANUFACTURER.

Emergency/First Aid Proc: INHAL: REMOVE TO FRESH AIR. APPLY ARTF RESP AS NEEDED. OBTAIN FIRST AID/MED ASSISTANCE. INGEST: OBTAIN FIRST AID OR MED ASSIST, IF NEEDED. SKIN: OBTAIN FIRST AID/MED ASSIST, IF NEEDED. EYE: WASH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES, OBTAIN FIRST AID OR MED ASSIST, IF NEEDED.

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Precautions for Safe Handling and Use

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Steps If Matl Released/Spill: SWEEP INTO CONTAINERS. STORAGE OF BUFFING WHEEL AND COMPOUND DEBRIS MAY CONTAIN COMBUSTIBLE LINT.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Method: INCINERATE OR DISPOSE OF I/A/W FEDERAL, STATE AND LOCAL REGULATIONS.

Precautions-Handling/Storing: HANDLE W/ADEQUATE VENTILATION FOR NUISANCE DUST WHEN USING. SEE OSHA CFR 1910.24 (VENT) & 29 CFR 1910.1000 (AIR CONTAM).

Other Precautions: KEEP LIQUIDS FROM FREEZING. STORE AWAY FROM EXCESSIVE HEAT.

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Control Measures

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Respiratory Protection: OSHA 24 CFR/134 NIOSH/MSHA APPROVED RESPIRATOR FOR PARTICULATES FROM BUFFING DEBRIS.

Ventilation: LOCAL EXHAUST: GENERAL ROOM VENTILATION. MECHANICAL (GENERAL): RECOMMENDED VENTING TO DUST COLLECTORS.

Protective Gloves: IMPERVIOUS GLOVES (FP N).

Eye Protection: CHEMICAL SAFETY GOGGLES (FP N).

Other Protective Equipment: PROTECTIVE WORK CLOTHING, BODY APRON OR BELLY PADS, SAFETY SHOES, AS NEEDED. HEARING PROTECTION: OSHA 29CFR1910.215.

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Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.

Suppl. Safety & Health Data: NONE SPECIFIED BY MANUFACTURER.

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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:

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:

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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: 16SEP93
 Label Date: 16SEP93
 MFR Label Number:
 Label Status: G
 Common Name: DREMEL 500 8110 BLACK EMERY CAKE BUFFING COMPOUND
 Chronic Hazard: YES
 Signal Word: CAUTION!
 Acute Health Hazard-None:
 Acute Health Hazard-Slight: X
 Acute Health Hazard-Moderate:
 Acute Health Hazard-Severe:
 Contact Hazard-None:
 Contact Hazard-Slight: X

Contact Hazard-Moderate:

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: KEEP FROM FREEZING. STORE AWAY FROM EXCESSIVE HEAT. ACUTE: INHAL: MAY CAUSE COUGHING, SHORTNESS OF BREATH. SKIN: IRRITATION MAY OCCUR DUE TO MECHANICAL OR CHEMICAL IRRITATION. EYES: DUST MAY IRRITATE. CHRONIC: PROLONGED INHALATION OF DUST PARTICLES MAY RESULT IN DISABLING PULMONARY FIBROSIS.

Protect Eye: Y

Protect Skin: Y

Protect Respiratory: Y

Label Name: FORMAX MFG CORP

Label Street: 3178 BELLEVUE

Label P.O. Box:

Label City: DETROIT

Label State: MI

Label Zip Code: 48207

Label Country: US

Label Emergency Number: 313-921-7030

Year Procured: