

M GRUMBACHER -- PRE TESTED, PTO
MATERIAL SAFETY DATA SHEET
NSN: 801000N000606
Manufacturer's CAGE: 72925
Part No. Indicator: B
Part Number/Trade Name: PRE TESTED, PTO

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General Information
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Company's Name: M GRUMBACHER INC
Company's Street: 30 ENGELHARD DR
Company's City: CRANBURY
Company's State: NJ
Company's Country: US
Company's Zip Code: 08512
Company's Emerg Ph #: 800-346-3278
Company's Info Ph #: 609-655-8282
Record No. For Safety Entry: 002
Tot Safety Entries This Stk#: 002
Status: SMJ
Date MSDS Prepared: 11MAR92
Safety Data Review Date: 20APR95
MSDS Serial Number: BXQJL

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Ingredients/Identity Information
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Proprietary: NO
Ingredient: CADMIUM; (CADMIUM PIGMENT)
Ingredient Sequence Number: 01
Percent: 75.3
NIOSH (RTECS) Number: EU9800000
CAS Number: 7440-43-9
OSHA PEL: N/K (FP N)
ACGIH TLV: N/K (FP N)

Proprietary: NO
Ingredient: COBALT; (SOLUBLE COBALT) (SARA 313)
Ingredient Sequence Number: 02
Percent: 0.0431
NIOSH (RTECS) Number: GF8750000
CAS Number: 7440-48-4
OSHA PEL: 0.1 MG/M3
ACGIH TLV: 0.02 MG/M3

Proprietary: NO
Ingredient: LEAD (SARA 313) (CERCLA)
Ingredient Sequence Number: 03
Percent: 64.0840
NIOSH (RTECS) Number: OF7525000
CAS Number: 7439-92-1
OSHA PEL: N/K (FP N)
ACGIH TLV: 0.15 MG/M3 DUST

Proprietary: NO
Ingredient: LEAD; (SOLUBLE LEAD) (SARA 313) (CERCLA)
Ingredient Sequence Number: 04
Percent: 64.0840
NIOSH (RTECS) Number: OF7525000
CAS Number: 7439-92-1
OSHA PEL: N/K (FP N)
ACGIH TLV: 0.15 MG/M3 DUST

Proprietary: NO

Ingredient: NICKEL; (SOLUBLE NICKEL) (SARA 313) (CERCLA)
Ingredient Sequence Number: 05
Percent: 0.1936
NIOSH (RTECS) Number: QR5950000
CAS Number: 7440-02-0
OSHA PEL: 1 MG/M3
ACGIH TLV: 1 MG/M3

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Physical/Chemical Characteristics
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Appearance And Odor: NONE SPECIFIED BY MANUFACTURER.
Boiling Point: N/A
Melting Point: N/A
Vapor Pressure (MM Hg/70 F): N/A
Specific Gravity: N/A
Solubility In Water: N/A

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Fire and Explosion Hazard Data
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Flash Point: N/A
Lower Explosive Limit: N/A
Upper Explosive Limit: N/A
Extinguishing Media: MEDIA SUITABLE FOR SURROUNDING FIRE (FP N).
Special Fire Fighting Proc: USE NIOSH/MSHA APPROVED SCBA AND FULL
PROTECTIVE EQUIPMENT (FP N).
Unusual Fire And Expl Hazrds: NOT COMBUSTIBLE.

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Reactivity Data
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Stability: YES
Cond To Avoid (Stability): NONE.
Materials To Avoid: NONE.
Hazardous Decomp Products: NONE.
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: YES
LEAD APPEARS ON NAVY LIST OF OCCUPATIONAL CHEMICAL REPRODUCTIVE HAZARDS.
SEEK CONSULTATION FROM APPROPRIATE HEALTH PROFESSIONALS CONCERNING LATEST
HAZARD LIST INFO & SAFE HANDLING & EXPOS INFO (FP N). EXPOSURE MAY CAUSE
DAMAGE TO TESTES. EXPOSURE MAY CAUSE (EFTS OF OVEREXP)
Carcinogenicity - NTP: YES
Carcinogenicity - IARC: YES
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: CADMIUM:IARC MONO, SUPP, VOL 7, PG 139,
1987:GRP 2A. NTP 7TH ANNUAL RPT ON CARCINS, 1994:ANTIC TO BE CARCIN.
(SUPDAT)
Signs/Symptoms Of Overexp: HLTH HAZ: DAMAGE TO HEART. EXPOSURE MAY CAUSE
NERVOUS SYSTEM, KIDNEY/BONE MARROW DAMAGE. EXPOSURE MAY CAUSE HARM TO
DEVELOPING FETUS. EXPOSURE MAY RESULT IN FATIGUE. CHRONIC EXPOSURE MAY
RESULT IN WEAKNESS OF MUSCLES & PAIN & TINGLING IN EXTREMITIES. CHRONIC
EXPOSURE MAY RESULT IN DFCLTY W/REPRODUCTION (CHILD BEARING).
Med Cond Aggravated By Exp: CHRONIC DERMATITIS. KIDNEY DISEASE. ANEMIA.
PREGNANCY. HEART DISEASE.
Emergency/First Aid Proc: INHAL: REMOVE TO FRESH AIR. SUPPORT BREATHING
(GIVE OXYGEN/ARTIFICIAL RESPIRATION) (FP N). EYES: IMMEDIATELY FLUSH EYES
WITH POTABLE WATER FOR AT LEAST 15 MINUTES. SEEK ASSISTANCE FROM MD (FP N).
SKIN: FLUSH WITH COPIOUS AMOUNTS OF WATER. CALL MD (FP N). INGEST: GET

PROMPT MEDICAL ATTENTION.

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: NO SPECIAL SPILL PROCEDURES REQUIRED.
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.
Waste Disposal Method: DISPOSE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.
Precautions-Handling/Storing: KEEP OUT OF REACH OF CHILDREN.
Other Precautions: AVOID USING IF PREGNANT OR CONTEMPLATING PREGNANCY.

Control Measures

Respiratory Protection: WHEN MIXING OR HANDLING DRY MATERIAL, USE NIOSH/MSHA APPROVED MASK FOR DUSTS OR MISTS.
Ventilation: NONE SPECIFIED BY MANUFACTURER.
Protective Gloves: IMPERVIOUS GLOVES (FP N).
Eye Protection: ANSI APPRVD CHEM WORKERS GOGGLES (FP N).
Other Protective Equipment: WEAR A WORK APRON.
Work Hygienic Practices: DO NOT SPRAY APPLY. WASH HANDS IMMED AFTER USE. WHEN USING DO NOT EAT, DRINK OR SMOKE.
Suppl. Safety & Health Data: EXPLAN OF CARCIN: OSH REG, 29 CFR 1910.1027. HUMAN:LUNG, PROSTATE, RENAL SYS EFTS. NICKEL: IARC MONO ON EVAL OF CARCIN RISK OF CHEMS TO MAN, VOL 49, PG 257, 1990:GRP 2B. NTP 7TH ANNUAL RPT ON CARCINS, 1994:ANTIC TO BE CARCIN. HUMAN:LUNGS, NASAL CAVITIES.

Transportation Data

Disposal Data

Label Data

Label Required: YES
Technical Review Date: 20APR95
Label Date: 19APR95
Label Status: M
Common Name: PRE TESTED, PTO
Chronic Hazard: YES
Signal Word: WARNING!
Acute Health Hazard-Moderate: X
Contact Hazard-Slight: X
Fire Hazard-None: X
Reactivity Hazard-None: X
Special Hazard Precautions: DO NOT BREATHE DUST OR MIST. ACUTE: MAY BE HARMFUL IF SWALLOWED. CHRONIC: CANCER HAZARD. CONTAINS CADMIUM AND NICKEL WHICH ARE LISTED AS RESPIRATORY TRACT CARCINOGENS (FP N). LEAD APPEARS ON THE NAVY OCCUPATIONAL CHEMICAL REPRODUCTIVE HAZARDS LIST (FP N). EXPOSURE MAY CAUSE DAMAGE TO THE TESTES, DAMAGE TO THE HEART, MAY CAUSE NERVOUS SYSTEM, KIDNEY OR BONE MARROW DAMAGE. EXPOSURE MAY CAUSE HARM TO DEVELOPING FETUS. EXPOSURE MAY RESULT IN FATIGUE, WEAKNESS OF MUSCLES AND PAIN AND TINGLING IN EXTREMITIES, MAY RESULT IN DIFFICULTY WITH REPRODUCTION.
Protect Eye: Y
Protect Skin: Y
Protect Respiratory: Y
Label Name: M GRUMBACHER INC
Label Street: 30 ENGELHARD DR
Label City: CRANBURY
Label State: NJ
Label Zip Code: 08512
Label Country: US
Label Emergency Number: 800-346-3278

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