

MATERIAL SAFETY DATA SHEET PLUMBERS PUTTY

DATE OF ISSUE: 01/01/2004  
SUPERCEDES:

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SECTION I - GENERAL INFORMATION

Chemical Name & Synonyms: N/A Trade Name & Synonyms: PLUMBERS PUTTY

Chemical Family: PETROLEUM/ORGANOPHILIC CLAY Formula Mixture: X

Manufacturer's Name: Plumbmaster Pro. DIV. OF PLUMBMASTER, INC.

Address: P.O. BOX 850  
Concordville PA, 19331

Prepared By: C Williamson/Chemist  
Product Code Number: 97542 & 97544  
Emergency Phone Number: 800-424-9300

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SECTION II - HAZARDOUS INGREDIENTS

THE HAZARDS PRESENTED BELOW ARE THOSE OF THE INDIVIDUAL COMPONENTS:

Chemical Name (Ingredients): CALCIUM CARBONATE  
Percent: 70-90  
Hazard: IRRITANT  
TLV: 10 MG/M3\$1  
PEL: 5 MG/M3 2  
STEL: NOT EST.  
CAS#: 1317-65-3

Chemical Name (Ingredients): HEAVY NAPHTHENIC DISTILLATE, SEVERELY HYDROTREATED  
Percent: 10-20  
Hazard: IRRITANT  
TLV: 5 MG/M3 #1  
PEL: 5 MG/M3 #2  
STEL: NOT EST.  
CAS#: 64742-52-5

Chemical Name (Ingredients): OXIDIZED MARINE OIL  
Percent: <5  
Hazard: IRRITANT  
TLV: 5 MG/M3 #1  
PEL: 5 MG/M3 #2  
STEL: NOT EST.  
CAS#: 68398-85-5

Chemical Name (Ingredients): ORGANOPHILIC CLAY  
Percent: <5  
Hazard: IRRITANT  
TLV: NOT EST. 1  
PEL: NOT EST. 2

STEL: NOT EST.  
CAS#: 68953-58-2

Chemical Name (Ingredients): CRYSTALLINE QUARTZ SILICA  
Percent: <1  
Hazard: CARC 5,6  
TLV: .05MG/M3 1  
PEL: 0.1MG/M3 2  
STEL: NOT EST.  
CAS#: 14808-60-7

Chemical Name (Ingredients): \$ PARTICULATE MATTER CONTAINING NO ASBESTOS AND  
Percent:  
Hazard:  
TLV:  
PEL:  
STEL:  
CAS#:

Chemical Name (Ingredients): <1% CRYSTALLINE SILICA  
Percent:  
Hazard:  
TLV:  
PEL:  
STEL:  
CAS#:

Chemical Name (Ingredients): # OIL MIST VALUE  
Percent:  
Hazard:  
TLV:  
PEL:  
STEL:  
CAS#:

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SECTION III - PHYSICAL DATA

Boiling Point (f): >400°  
Specific Gravity (H2O=1): >1  
Vapor Pressure (MM HG): <1  
Color: GREEN  
Vapor Density (Air=1): N/A  
Odor: OILY  
PH @ 100%: N/A  
Clarity: PASTE  
Volatile by Volume: 0  
Evaporation Rate (BU A/C=1): <1  
H2O Solubility: NEGLIGIBLE  
Viscosity: SOLID

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SECTION IV - FIRE AND EXPLOSION HAZARD

Flash Point: >400°F / T.C.C.  
Flammable Limits: N/A LEL: N/A UEL:N/A

Extinguishing Media:

Foam: X Alcohol Foam: CO2: X  
Dry Chemical: X Water Spray: X Other:

Special Fire Fighting Procedures:

FIREFIGHTERS SHOULD WEAR A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR.

Unusual Fire and Explosion Hazards:

USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS TO PREVENT BURSTING.

Aerosol Level (NFPA 30B): N/A

NFPA 704 Hazard Rating:

(0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme)

Health: 1 Flammability: 0 Instability: 0 Special:

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SECTION V - HEALTH HAZARD DATA

Threshold Limit Value:

NOT ESTABLISHED FOR MIXTURE. SEE SECTION II.

Effects of Overexposure:

-Acute (Short Term Exposure)

NOT A HAZARD IN NORMAL USE. EYE CONTACT: DIRECT CONTACT WITH EYES MAY CAUSE IRRITATION SEEN AS TEARING AND REDNESS. SKIN CONTACT: PROLONGED OR CONTINUOUS CONTACT MAY CAUSE IRRITATION SEEN AS ITCHING, REDNESS AND DRYING OF SKIN. INGESTION: INGESTION OF LARGE QUANTITIES MAY CAUSE IRRITATION WITH POSSIBLE NAUSEA, VOMITING AND DIARRHEA.

-Chronic (Long Term Exposure)

NO CHRONIC HAZARDS ANTICIPATED WITH NORMAL USE. INHALATION OF SILICON DIOXIDE CAN CAUSE A PROGRESSIVE LUNG DISEASE KNOWN AS SILICOSIS. STUDIES INDICATE THAT PERSONS DIAGNOSED WITH SILICOSIS HAVE AN INCREASED RISK OF LUNG CANCER. THIS HAZARD WOULD APPLY ONLY IN THE EVENT PRODUCT IS HEATED TO DECOMPOSITION. MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE ARE PRE-EXISTING SKIN CONDITIONS SUCH AS DERMATITIS. TARGET ORGANS: LUNGS AND KIDNEYS.

Primary Routes of Entry: Inhalation: X Ingestion: Absorption:

Emergency and First Aid Procedures:

-Inhalation:

TYPICALLY NOT A HAZARD FOR THIS TYPE OF PRODUCT.

-Eye Contact:

NORMALLY NOT A HAZARD FOR THIS TYPE OF PRODUCT. SHOULD DIRECT CONTACT OCCUR, RINSE THE EYES WITH WATER. REMOVE ANY CONTACT LENSES AND CONTINUE FLUSHING WITH PLENTY OF WATER FOR SEVERAL MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS.

-Skin Contact:

NORMALLY NOT A HAZARD. SHOULD PROLONGED OR CONTINUOUS CONTACT OCCUR, WASH AFFECTED AREAS WITH PLENTY OF SOAP AND WATER FOR SEVERAL MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS.

-Ingestion:

NORMALLY NOT A HAZARD. SHOULD A LARGE QUANTITY BE INGESTED, GIVE 3 TO 4 GLASSES OF WATER, BUT DO NOT INDUCE VOMITING. IF VOMITING OCCURS, GIVE FLUIDS AGAIN. SEEK MEDICAL ATTENTION IF DISCOMFORT OCCURS.

-Notes to Physician:  
THERE IS NO SPECIFIC ANTIDOTE. TREAT THE PATIENT SYMPTOMATICALLY.

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SECTION VI - TOXICITY INFORMATION

Product Contains Chemicals Listed as Carcinogen or Potential Carcinogen By:

IARC: Yes                      NTP: Yes                      OSHA: No                      ACGIH: No  
OTHER: No

CALCIUM CARBONATE

CALCIUM CARBONATE IS A MILD TO MODERATE EYE IRRITANT 4.

CALCIUM CARBONATE IS A MILD TO MODERATE SKIN IRRITANT 4.

ORL-RAT LD50: 6450 MG/KG 4.

CRYSTALLINE QUARTZ SILICA

IHL-HMN TCLO: 16 MPPCF/8H/17.9Y-I 3.

IHL-HMN LCLO: 300 UG/M3/10Y-I 3.

THIS PRODUCT TYPICALLY CONTAINS CRYSTALLINE SILICA (QUARTZ SAND) ABOVE 0.1% AS A NATURALLY OCCURRING IMPURITY. THE INTERNATIONAL AGENCY FOR RESEARCH ON CANCER HAS CONCLUDED THAT "CRYSTALLINE SILICA INHALED IN THE FORM OF QUARTZ OR CRISTOBALITE FROM OCCUPATIONAL SOURCES IS CARCINOGENIC TO HUMANS (GROUP 1)". IT ALSO NOTED THAT CARCINOGENICITY WAS NOT DETECTED IN ALL INDUSTRIAL CIRCUMSTANCE STUDIES, AND MAY BE DEPENDENT ON EXTERNAL FACTORS AFFECTING ITS BIOLOGICAL ACTIVITY OR DISTRIBUTION OF ITS POLYMORPHS. EXPOSURE TO RESPIRABLE SILICA HAS ALSO BEEN ASSOCIATED WITH SILICOSIS, SCLERODERMA, AND NEPHROTOXICITY. 4.

IN NORMAL CONDITIONS OF USE, THIS PRODUCT REMAINS FLEXIBLE AND NEVER HARDENS. RELEASING RESPIRABLE SILICA WOULD NOT OCCUR UNLESS PRODUCT WAS HEATED TO DECOMPOSITION AT EXTREMELY HIGH TEMPERATURES OR PRODUCT WAS SANDED AFTER HARDENING. NEITHER OF THESE SITUATIONS WOULD OCCUR IN NORMAL USE.

HEAVY NAPHTHENIC DISTILLATE, SEVERELY HYDROTREATED

ORL-RAT LD50: 5,000 MG/KG 4.

SKN-RBT LD50: 2,000 MG/KG 4.

OXIDIZED MARINE OIL

NO TOXICOLOGICAL DATA AVAILABLE

ORGANOPHILIC CLAY (DATA FOR SIMILAR PRODUCT)

ORL-RAT LD50: >8 G/KG 4.

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SECTION VII - REACTIVITY DATA

Stability:                      Stable: X                      Unstable:



