

PALMER INTERNATIONAL INC -- PM 403 HARDENER, 403 -- 8030-01-225-1639

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Product Identification
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Product ID:PM 403 HARDENER, 403
MSDS Date:01/04/1993
FSC:8030
NIIN:01-225-1639
MSDS Number: BJFTN
=== Responsible Party ===
Company Name:PALMER INTERNATIONAL INC
Box:8
City:WORCESTER
State:PA
ZIP:19490
Country:US
Info Phone Num:215-584-4241
Emergency Phone Num:215-584-4241
Preparer's Name:FRED
LAUMAN
CAGE:00933
=== Contractor Identification ===
Company Name:PALMER INTERNATIONAL, INC.
Address:2955 SKIPPACK PIKE
Box:City:WORCESTER
State:PA
ZIP:19490
Country:US
Phone:610-584-4241
CAGE:00933

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Composition/Information on Ingredients
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Ingred Name:POLYETHYLENE POLYAMINE. VP:0. LD50:(ORAL,RAT)2.4 G/KG
Fraction by Wt: 50-75%
OSHA PEL:N/K
ACGIH TLV:N/K

Ingred Name:TALC (POWDER), CONTAINING NO ASBESTOS FIBERS; CONTAINING
INGS 3,4,5,6 & 7. VP:0
CAS:14807-96-6

RTECS #:WW2710000
Fraction by Wt: 20-50%
OSHA PEL:2 MG/M3
ACGIH TLV:2 MG/M3

Ingred Name:DOLOMITE
CAS:16389-88-1
OSHA PEL:N/K
ACGIH TLV:N/K

Ingred Name:INORGANIC CHLORITE
CAS:1318-59-8
OSHA PEL:N/K
ACGIH TLV:N/K

Ingred Name:CALCITE
OSHA PEL:N/K
ACGIH TLV:N/K

Ingred Name:MAGNESIUM (II) CARBONATE (1:1); (MAGNESITE)
CAS:546-93-0
RTECS #:OM2470000
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3 TDUST

Ingred Name:SILICA, CRYSTALLINE-QUARTZ; (QUARTZ) (MFR CAS #1408-60-7)
CAS:14808-60-7
RTECS #:VV
7330000
OSHA PEL:N/K
ACGIH TLV:N/K

Ingred Name:PALYGORSKITE; (ATTAPULGITE TYPE CLAY). VP:0
CAS:12174-11-7
RTECS #:RT6400000
Fraction by Wt: 5-20%
OSHA PEL:2 MG/M3 (MFR)
ACGIH TLV:2 MG/M3 (MFR)

Ingred Name:CARBON BLACK. VP:0
CAS:1333-86-4
RTECS #:FF5800000
Fraction by Wt: 93C
Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATER FOG. USE
WATER FOR COOLING MATL STORED IN VICINITY OF FIRE.
Fire Fighting Procedures:NIOSH/MSHA APPRVD SCBA W/FULL FACEPIECE
OPERATED IN PRESS-DEMAND

OR OTHER POSITIVE PRESS MODE.
Unusual Fire/Explosion Hazard:NONE.

===== Accidental Release Measures =====

Spill Release Procedures:SMALL & LARGE SPILL:SCRAPE UP/SOAK UP WITH
ABSORBENT MATERIAL.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:AVOID EYE OR SKIN CONTACT. CAN CAUSE
CHEMICAL BURN.
Other Precautions:NONE.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:IF TLV OF PROD IS EXCEEDED, NIOSH/MSHA JOINTLY
APPRVD AIR SUPPLY RESP IS ADVISED IN ABSENCE OF PROPER ENVIRON
CONTROL. OSHA REGS ALSO PERMIT OTHER NIOSH/MSHA RESPS UNDER
SPECIFIED CNDSN. (SEE YOUR SFTY EQUIP SUPPLIER). ENGINEERING
(SUPDAT)
Ventilation:PROVIDE SUFFICIENT MECH (GEN AND/OR LOC EXHAUST) VENT TO
MAINTAIN EXPOSURE BELOW TLV.
Protective Gloves:NITRILE RUBB RESIST GLOVES.
Eye Protection:CHEM SPLASH GOGG IN COMPLIANCE (SUPDAT)
Other Protective Equipment:EYE WASH; SAFETY SHOWER.
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.
Supplemental Safety and Health
FIRST AID PROC:IF BRTHG HAS STOPPED, GIVE ARTF RESP. KEEP PERSON WARM,
QUIET, & GET MED ATTN. RESP PROT:OR ADMIN CONTROLS SHOULD BE
IMPLEMENTED TO REDUCE EXPOSURE. EXPLAN OF CARCIN:TO BE CARCIN. EYE
P ROT:W/OSHA REGS ARE ADVISED; HOWEVER, OSHA REGS ALSO PERMIT OTHER
TYPE SFTY GLASSES. (CONSULT YOUR SFTY EQUIP SUPPLIER).

===== Physical/Chemical Properties =====

HCC:B3
Boiling Pt:B.P. Text:>400F,>204C
Vapor Pres:SEE INGS
Vapor Density:HVR/AIR
Spec Gravity:1.48619
Evaporation Rate & Reference:NOT KNOWN
Solubility in Water:NOT KNOWN
Appearance and Odor:BLACK PASTE WITH AMMONIA ODOR
Percent Volatiles by Volume:0

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES
AVOID CONTACT WITH STRONG OXIDIZERS AND ACIDS.
Stability Condition

to Avoid:KEEP AWAY FROM HEAT AND OPEN FLAME.

Hazardous Decomposition Products:MAY FORM CARBON MONOXIDE AND DIOXIDE;
OXIDES OF NITROGEN.

===== Disposal Considerations =====

Waste Disposal Methods:SMALL & LARGE SPILL:INCINERATE OR LANDFILL IN
ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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