

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

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Product Identification
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Product ID:PM 403 HARDENER

MSDS Date:04/18/1994

FSC:8030

NIIN:01-225-1639

MSDS Number: CCQVC

=== Responsible Party ===

Company Name:PALMER INTERNATIONAL, INC

Address:ROUTE 73 & 363

City:WORCESTER

State:PA

ZIP:19490

Country:US

Info Phone Num:215-584-4241

Emergency Phone Num:215-584-4241

CAGE:00933

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== 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 LD50(ORAL):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; (TALC) (MAY
ALSO CONTAIN MINOR AMOUNTS OF INGREDIENTS 3-7)

CAS:14807-96-6

RTECS

#:WW2710000
Fraction by Wt: 20-50%
OSHA PEL:20 MPPCF Z-3
ACGIH TLV:2 MG/M3 RDUST

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

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

Ingred Name:CALCITE
CAS:13397-26-7
OSHA PEL:N/K
ACGIH TLV:N/K

Ingred Name: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)
CAS:14808-60-7
RTECS #:VV7330000
OSHA PEL:SEE
TABLE Z-3
ACGIH TLV:0.1 MG/M3 RDUST

Ingred Name:PALYGORSKITE; (MAGNESIUM ALUMINUM SILICATE) (NATURALLY
OCCURRING SUBSTANCE WHICH CONTAINS INGREDIENT 10)
CAS:12174-11-7
RTECS #:RT6400000
Fraction by Wt: 5-20%
OSHA PEL:15 MG/M3 (MFR)
ACGIH TLV:10 MG/M3 (MFR)

Ingred Name:CARBON BLACK
CAS:1333-86-4
RTECS #:FF5800000
Fraction by Wt: 93C
Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATER FOG. USE
WATER FOR COOLING MATERIAL STORED IN VICINITY OF FIRE.
Fire Fighting Procedures:WEAR

NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard:NONE.

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

Spill Release Procedures:SMALL SPILL:SCRAPE UP/SOAK UP WITH ABSORBENT MATERIAL. 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 CHEMIC AL BURN.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:IF TLV OF PROD IS EXCEEDED, NIOSH APPRVD AIR SUPP RESP IS ADVISED IN ABSENCE OF PROPER ENVIRON CTL. OSHA REGS ALSO PERMIT OTHER NIOSH APPRVD RESPS UNDER SPECIFIED CNDTNS. (SEE YOUR SFTY EQUIP SUPP). ENGINEERING/ADMIN CTLS SHOULD BE (SUPDAT)

Ventilation:PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV.

Protective Gloves:WEAR RESIST GLOVES SUCH AS:NITRILE RUB.

Eye Protection:ANSI APPRVD CHEM WORKERS GOGGS (SUPDAT)

Other Protective Equipment:ANSI APPROVED EMERGENCY EYE WASH AND DELUGE SHOWER .

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

EXPLAN OF CARCIN:1994:ANTIC TO BE CARCIN. ANIMAL:LUNG. CARBON BLACK:IARC MONOGRAPHS ON EVAL OF CARCIN RISK OF CHEMS TO MAN VOL 65, PG 24-27, 1995:GROUP 2B. FIRST AID PROC:STOPPED, GIVE ARTF

RESP. KEE P PERSON WARM, QUIET & GET MED ATTN. RESP

PROT:IMPLEMENTED TO REDUCE EXPOS. EYE PROT:& FULL LENGTH FSHLD .

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

Boiling Pt:B.P. Text:>400F,>204C

Vapor Pres:0

Vapor Density:HVR/AIR

Spec Gravity:1.48619

Evaporation Rate & Reference:UNAVAILABLE

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 SPILL: INCINERATE OR LANDFILL IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS. LARGE SPILL: INCINERATE OR LANDFILL IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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