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MATERIAL SAFETY DATA SHEET (SUBSTITUTES FOR OSHA FORM 174): May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200.

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PRODUCT NUMBER: 0-MS45
IDENTITY: MS FAST SET 45

MSDS ID No. 10306
Revision Date: 12/22/2006

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Section I

Manufacturer's Name: MAINTENANCE SOLUTIONS*** ^
Address: P.O. BOX 12202

SCOTTSDALE
State: AZ Zip Code: 85267

Telephone Numbers:
Emergency:
800/424-9300
Information:
800/747-9593

HMIS CODES: REACTIVITY: 1 FLAMMABILITY: 0 HEALTH: 2 PERSONAL PROTECT: B

Section II: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION (All of the ingredients contained in this product are listed on the TSCA inventory.)

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Name	Cas No.	OSHA PEL	ACGIH TLV	OTHER LIM	%
SILICA, CRYSTALLINE QUARTZ*	140808-60-7	0.1 mg/m3	0.05 mg/m3	N.E	40-70%
ALUMINA CEMENT	65997-16-2	N.E.	N.E.	N.E	10-30%
PORTLAND CEMENT	65997-15-1	5 mg/m3	10 mg/m3	N.E	5-10%
ANHYDRITE	7778-18-9	5 mg/m3	10 mg/m3	N.E	0-10%
FLY ASH	68131-74-8	N.E.	N.E.	N.E	0-10%
CALCIUM SULFATE	26499-65-0	5 mg/m3	5 mg/m3	N.E	0-10%
SILICA, AMORPHOUS	7631-86-9	N.E.	3 mg/m3	N.E	0-5%
IRON OXIDE	1309-37-1	10 mg/m3	5 mg/m3	N.E	0-5%

Comment:

THIS PRODUCT CONTAINS THE TOXIC CHEMICALS MARKED WITH AN * SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40CFR372.

Section III: PHYSICAL/CHEMICAL CHARACTERISTICS

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Boiling Point:	N/A	Specific Gravity (water=1)	2.8
Vapor Pressure(mm Hg)	N/A	Melting Point:	N/A
Vapor Density(AIR=1)	N/A	Evaporation Rate:	N/A
Solubility in Water:	SLIGHT	(Butyl Acetate=1)	
Appearance and Odor:	GRAY POWDER		

Section IV: FIRE AND EXPLOSION HAZARD DATA

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Flash Point(Method Used): NONE Flammable Limits: LEL: N/A UEL: N/A
Extinguishing Media: WATER FOG, CO2, DRY CHEMICAL, ALCOHOL RESISTANT FOAM
Special Fire Fighting Procedures: PRESSURE DEMAND SELF CONTAINED RESPIRATORY EQUIPMENT.

Unusual Fire and Explosion Hazards: THIS PRODUCT IS ALKALINE AND RELEASES CONSIDERABLE HEAT ON CONTACT WITH SMALL AMOUNTS OF WATER. AVOID CONTACT BETWEEN RESULTING HOT ALKALINE PASTE AND METALLIC ALUMINUM. SUCH CONTACT COULD GENERATE HYDROGEN GAS.

Stability: Unstable: Conditions to avoid:
Stable: X N/A

Incompatibility (Materials to Avoid): STRONG ACIDS AND STRONG BASES.
STRONG OXIDIZING AGENTS.

Hazardous Decomposition or Byproducts: N/A

Hazardous Polymerization: May Occur: Will Not Occur: X
Conditions to Avoid: N/A

Section VI: HEALTH HAZARD DATA

Routes of Entry: Inhalation: YES Eyes: YES Skin: YES Ingestion: YES

Health Hazards(Acute and Chronic):

Inhalation: INHALATION OF DUST CAN CAUSE COUGHING AND LABORED BREATHING AND POSSIBLE TMORARY BUT REVERSIBLE IRRITAION ON MUCOUS MEMBRANES AND RESPIRATORY TRACT. Eye Contact: CAN COUSE SEVERE IRRITATION, REDNESS, TEARING AND BLURRED VISION. PROLONGED OR REPEATED CONTACT CAN CAUSE BURNS AND POSSIBLY CORNEAL INJURY. Skin: CAN CAUSE SLIGHT TO MODERATE IRRITATION DUE TO ABRASIVE ACTION. IN COMBINATION WITH WATER, REPEATED OR PROLONGED DERMAL EXPOSURE CAN CAUSE MODERATE TO SEVERE ALKALI BURNS. Ingestion: IRRITATING TO MOUTH THROAT AND STOMACH.

Chronic Exposure: THIS PRODUCT CONTAINS CRYSTALLINE(QUARTZ) SILICA WHICH HAS BEEN LISTED AS A HUMAN CARCINOGEN BY NTP(GROUP1) AND IARC (HUMAN CARCINOGEN) AND A SUSPECTED HUMAN CARCINOGEN BY ACGIH (CATEGORY A2) REPEATED OR PROLONGED OVER EXPOSURE TO FREE RESPIRABLE CRYSTALLINE (QUARTZ) SILICA CAN CAUSE SILICOSIS OR OTHER DELAYED AND SERIOUS LUNG INJURY. REPEATED OR PROLONGED OVEREXPOSURE TO FREE RESPIRABLE SILICA CAN CAUSE SILICOSIS OR OTHER DELAYED AND SERIOUS LUNG INJURY.

Carcinogenicity: NTP: N.E. IARC Monographs: NO OSHA Reg: N.E.
Signs and Symptoms of Exposure: SEE HEALTH HAZARDS

Medical Conditions Generally Aggravated by Exposure: NONE KNOWN

Emergency and First Aid Procedures: EYES: FLUSH WITH WATER, LIFTING UPPER AND LOWER LIDS OCCASIONALLY FOR 15 MINUTES. SEEK MEDICAL ATTENTION. SKIN: TAKE OFF CONTAMINATED CLOTHING AND SHOES IMMEDIATELY. WASH OFF WITH SOAP AND PLENTY OF WATER. SEEK MEDICAL ADVICE. INGESTION: DO NOT INDUCE VOMITING WITHOUT MEDICAL ADVICE. IF CONCIOUS,DRINK PLENTY OF WATER. CALL A PHYSICIAN IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. IF A PERSON VOMITS, PLACE HIM/HER IN THE RECOVERY POSITION. INHALATION: REMOVE VICTIM FROM EXPOSURE. IF DIFFICULTY WITH BREATHING,ADMINISTER OXYGEN. IF BREATHING HAS STOPPED, ADMINISTER ARTIFICIAL RESPIRATION, PREFERABLY MOUTH-TO-MOUTH. SEEK IMMEDIATE MEDICAL ATTENTION.

Section VII: PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled: CLEAN UP PROMPTLY BY SWEEPING OR VACUUM. CLEAN THOROUGHLY. AFTER CLEANING, FLUSH AWAY TRACES WITH WATER. KEEP IN SUITABLE, CLOSED CONTAINERS FOR DISPOSAL. WEAR PERSONAL PROTECTIVE EQUIPMENT.

Waste Disposal Method: RINSE ALL CONTAINERS AND DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL GUIDELINES. DO NOT REUSE EMPTY CONTAINERS. OFFER DRUM FOR RECYCLING.

Precautions to be Taken in Handling and Storing: STORE IN A COOL DRY AREA. KEEP AWAY FROM CHILDREN. READ DIRECTIONS FOR USE THOROUGHLY AND CAREFULLY.

Other Precautions: N/A

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Respiratory Protection: AVOID BREATHING DUST

Ventilation: Local Exhaust:ADEQUATE

Mechanical: N/A

Special: N/A

Other: N/A

Protective Gloves: RUBBER GLOVES

Eye Protection: SAFETY GOGGLES WITH SIDE SHEILDS ARE RECOMMENDED

Other Protective Clothing or Equipment: WEAR AS APPROPRIATE PERVENTATIVE SKIN PROTECTION IMPERVIOUS CLOTHING.

Work/Hygienic Practices:

WASH HANDS AFTER USE.