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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: 550
IDENTITY: MS-550 SUPER PEN 4 +16A Revision Date: 03/22/2010
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Section I
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Manufacturer's Name: MAINTENANCE SOLUTIONS\*\*\* ^ Telephone Numbers:
Address: P.O. BOX 12202 Emergency:
800/255-3924
SCOTTSDALE Information:
State: AZ Zip Code: 85267 800/747-9593
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HMIS CODES: REACTIVITY: 0 FLAMMABILITY: 0 HEALTH: 2 PERSONAL PROTECT: G

Section II: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION (All of the
ingredients contained in this product are listed on the TSCA inventory.)
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Table with 6 columns: Name, Cas No., OSHA PEL, ACGIH TLV, OTHER LIM, %. Rows include CARBON DIOXIDE, MINERAL SEAL OIL, and TETRACHLOROETHYLENE.

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.

THIS PRODUCT CONTAINS CHEMICAL(S) MARKED WITH A + KNOWN
TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

Section III: PHYSICAL/CHEMICAL CHARACTERISTICS
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Boiling Point: 250 F Specific Gravity (water=1) 1.44
Vapor Pressure(mm Hg) 11 Melting Point: N/A
Vapor Density(AIR=1) 5.7 Evaporation Rate: >2
Solubility in Water: 0% (Butyl Acetate=1)
Appearance and Odor: CLEAR SPRAY, TYPICAL CHLORINATED SOLVENT ODOR

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: STANDARD DRY CHEMICAL FIRE EXTINGUISHER
Special Fire Fighting Procedures: NONE

Unusual Fire and Explosion Hazards: UNDER PRESSURE & EXPOSURE TO TEMPERATURES
ABOVE 120 F MAY CAUSE BURSTING. CONTAINER MAY VENT OR RUPTURE DUE TO FIRE.
VIOLENT STEAM GENERATION MAY OCCUR UPON APPLICATION OF DIRECT WATER STREAM.

Section V: REACTIVITY DATA

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Stability: Unstable: Conditions to avoid: WELDING ARCS, DIRECT SUN  
Stable: X TEMPERATURES ABOVE 120 F  
Incompatibility (Materials to Avoid): SOME PLASTICS, ALUMINUM, MAGNESIUM,  
POTASSIUM, SODIUM, AND ZINC POWDERS. STRONG BASES AND OXIDIZERS.  
Hazardous Decomposition or Byproducts: MAY INCLUDE HYDROGEN CHLORIDE, AND  
TRACE AMOUNTS OF CHLORINE AND PHOSGENE.  
Hazardous Polymerization: May Occur: Will Not Occur: X  
Conditions to Avoid: NONE

Section VI: HEALTH HAZARD DATA

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Routes of Entry: Inhalation: YES Skin: YES Ingestion: YES  
Health Hazards (Acute and Chronic):  
INHALATION: DIZZINESS. EXCESSIVE INHALATION UNCONSCIOUSNESS OR DEATH.  
EYES: STRONG IRRITATION. SKIN: MILD IRRITATION. MAY CAUSE DEFATTING OF  
TISSUE. INGESTION: NAUSEA, VOMITING, DIZZINESS, UNCONSCIOUSNESS OR DEATH.  
Carcinogenicity: NTP: Yes IARC Monographs: Yes OSHA Reg: Yes  
Signs and Symptoms of Exposure: SEE HEALTH HAZARDS

Medical Conditions Generally Aggravated by Exposure: EXCESSIVE EXPOSURE  
WILL AGGRAVATE RESPIRATORY, CARDIOVASCULAR, PULMONARY & CENTRAL NERVOUS  
SYSTEM. ALSO LIVER AND KIDNEY EFFECTS.  
Emergency and First Aid Procedures: INHALATION: REMOVE TO FRESH AIR.  
CONSULT PHYSICIAN. SKIN: WASH AFFECTED AREA. CONSULT PHYSICIAN IF IRRITATION  
PERSISTS. EYES: RINSE EYES WITH WATER FOR 15 MINUTES. CONSULT PHYSICIAN  
PHYSICIAN. INGESTION: CONSULT PHYSICIAN. DO NOT INDUCE VOMITING.

Section VII: PRECAUTIONS FOR SAFE HANDLING AND USE

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Steps to be Taken in Case Material is Released or Spilled: WIPE UP WITH  
RAG OR USE AN INERT ABSORBENT MATERIAL. PLACE IN PROPER LABELED DISPOSAL  
CONTAINER. CONTAIN LIQUID TO PREVENT CONTAMINATION OF SOIL, SURFACE WATER,  
OR GROUND WATER. DO NOT WASH DOWN DRAINS.  
Waste Disposal Method: DISPOSE OF RESIDUE IN ACCORDANCE WITH FEDERAL,  
STATE AND LOCAL GUIDELINES. DO NOT PUNCTURE OR INCINERATE CONTAINER. DO  
NOT REUSE CONTAINER. WRAP CONTAINER AND PLACE IN TRASH COLLECTION.

Precautions to be Taken in Handling and Storing: DO NOT USE OR STORE NEAR  
HEAT OR OPEN FLAMES. EXPOSURE TO TEMPERATURES ABOVE 120 F MAY CAUSE  
BURSTING.  
Other Precautions: USE PROPER PPE.

Section VIII: CONTROL MEASURES

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Respiratory Protection: USE ONLY IN WELL VENTILATED AREA.  
Ventilation: Local Exhaust: ADEQUATE  
Mechanical: N/A Special: N/A  
Other: N/A  
Protective Gloves: NITRILE, POLYETHYLENE, LATEX, RUBBER, OR VINYL GLOVES.  
Eye Protection: SAFETY GLASSES ARE RECOMMENDED WHENEVER CHEMICALS ARE USED.  
Other Protective Clothing or Equipment:  
APPRON, OR RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE WILL DEPEND ON TASK.  
Work/Hygienic Practices:  
WASH HANDS AFTER USE.