

# FOX VALLEY CHEMICAL COMPANY

5201 MANN DRIVE - P.O. BOX 129

RINGWOOD, IL. 60072

ORIGINAL DATE 10/2001 REVISED 05-20-02

MATERIAL SAFETY DATA SHEET

## MILLENNIUM 2000 FLOOR FINISH

### SECTION I - PRODUCT IDENTIFICATION

MANUFACTURER: FOX VALLEY CHEMICAL  
INFORMATION: 815-653-2660  
EMERGENCY: 800-325-3699

#### HAZARD RATINGS:

4-EXTREME  
3-HIGH  
2-MODERATE  
1-SLIGHT  
0-INSIGNIFICANT

PRODUCT CLASS: FLOOR POLISH  
TRADE NAME: MILLENNIUM 2000  
PRODUCT CODE: F202600

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FIRE - 0 TOXICITY - 1 REACTIVE - 0 SPECIAL - 0

### SECTION II - COMPOSITION IDENTIFICATION

INGREDIENTS	APPROX Wt%	SARA-313	CAS #
Water	65 min		7732-18-5

Acrylate Copolymer 25 min  
(May be Cas# 25987-66-0, 63744-8-3, 65405-61-0, 67366-74-9, 67892-91-5, 67952-78-7)

Glycol ether coalescent 10 max Some See Section 3

Hydrocarbon Wax Emulsion 8 max listed  
(may be Cas# 9010-77-9, 25053-53-6, 25722-45-6, 67892-91-5, 68441-17-8)

Tri (butoxyethyl) Phosphate 2 max 78-51-3

### SECTION III - HAZARDOUS INGREDIENTS

Ingredient	Weight%	TLV	PEL(TWA)	STEL
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Ammonium Hydroxide CAS# 1336-21-6	1max	25ppm	50ppm	35ppm
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Acute(Immediate) Inhalation Hazard

May contain one or more of the following:

Glycol Ether DE (SARA 313) CAS# 111-90-0	10 max	not est	not est	not est
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Glycol Ether DM (SARA 313) CAS# 111-77-3	10 max	not est	not est	not est
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Glycol Ether PM CAS# 107-98-3	10 max	not est	100ppm	150ppm
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Glycol Ether DPM CAS# 34590-94-8	10 max	not est	100ppm(skin)	150ppm
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### SECTION IV - FIRST AID MEASURES

INHALATION: REMOVE TO FRESH AIR AND CONSULT PHYSICIAN IF SYMPTOMS PERSIST.  
INGESTION: INDUCE VOMITING IF CONSCIOUS, AND CALL

A PHYSICIAN.

SKIN CONTACT: PROMPTLY WASH WITH SOAP AND WATER, AND RINSE THOROUGHLY. REMOVE CONTAMINATED CLOTHING AND SHOES.

EYE CONTACT: PROMPTLY FLUSH WITH A LARGE AMOUNT OF WATER FOR AT LEAST 15 MINS. CONTACT A PHYSICIAN IF SYMPTOMS PERSIST.

### SECTION V - FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: CO2, DRY CHEMICAL.  
SPECIAL FIREFIGHTING PROCEDURES: TOXIC GASES MAY BE RELEASED DURING DECOMPOSITION AT HIGH TEMPERATURES. USE SELF-CONTAINED BREATHING APPARATUS.  
UNUSUAL FIRE/EXPLOSION HAZARDS: NONE.

### SECTION VI - ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTION: PREVENT CONTACT WITH SKIN OR EYES BY WEARING RUBBER GLOVES AND APPROVED SAFETY GLASSES WITH SIDE SHIELDS. SPILLED MATERIAL MAY BE SLIPPERY UNDER FOOT. WEAR RUBBER BOOTS WITH AN ANTI-SLIP CONTACT SURFACE. WEAR PROTECTIVE WORK CLOTHING. LAUNDRY ANY CONTAMINATED CLOTHING BEFORE REUSE.

ENVIRONMENTAL PROTECTION PRECAUTIONS: DO NOT RELEASE TO THE ENVIRONMENT OR WATER SOURCE.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: HALT SPILL AT SOURCE AND CONTAIN OR DIKE SPILL WITH SAND OR INERT ABSORBENT MATERIAL. TRANSFER ANY LIQUID TO CONTAINERS FOR RECOVERY OF DISPOSAL. SHOVEL USED ABSORBENT INTO DRUMS FOR DISPOSAL IN ACCORDANCE WITH ALL APPLICABLE LOCAL AND NATIONAL REGULATIONS.

### SECTION VII - HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORE ST 4 DEGREE C TO 32 DEGREE C (40 F TO 90 F). PROVIDE ADEQUATE VENTILATION IN STORAGE AREAS. PROTECT FROM FREEZING. KEEP AWAY FROM FIRE AND HEAT. (ANY IGNITION SOURCE). KEEP CONTAINERS CLOSED WHEN NOT IN USE.

### SECTION VIII - Exposure Controls / Personal Protection

RESPIRATORY PROTECTION: NONE REQUIRED IN WELL VENTILATED AREAS. AN APPROVED ORGANIC VAPOR FULL FACE RESPIRATOR IS ADVISED FOR POORLY VENTILATED AREAS.

VENTILATION: LOCAL EXHAUST: NONE REQUIRED.  
MECHANICAL (GENERAL): PROVIDE ADEQUATE VENTILATION.

PROTECTIVE GLOVES: WEAR RUBBER GLOVES.  
EYE PROTECTION: WEAR APPROVED SAFETY GLASSES WITH SIDE SHIELDS.

OTHER PROTECTIVE EQUIPMENT: WEAR PROTECTIVE WORK CLOTHES. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

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### SECTION IX - PHYSICAL DATA

APPEARANCE: MILKY OR TRANSPARENT DISPERSION.  
ODOR: CHARACTERISTIC MILD ODOR.  
pH: 7.0 TO 9.5  
BOILING POINT: 100 DEGREE C (212 DEGREE F)  
FREEZING POINT: VARIABLE.  
FLASH POINT: NOT APPLICABLE.  
FLAMMABILITY: THIS MATERIAL WILL BURN AFTER WATER BOILS AWAY.  
AUTOIGNITION TEMPERATURE: GREATER THAN 120 DEGREE C (250 DEGREE F).  
EXPLOSIVE PROPERTIES: NONE  
OXIDIZING PROPERTIES: NONE  
VAPOR PRESSURE: APPROXIMATELY 23 MBAR (AS WATER)  
VAPOR DENSITY (WATER VAPOR=1): 1  
SPECIFIC GRAVITY (WATER=1): VARIABLE.  
EVAPORATION RATE (WATER=1): 1  
SOLUBILITY IN WATER: INFINITELY MISCIBLE.  
PERCENT VOLATILE BY WEIGHT: MIN OF 65% WATER.

### SECTION X - STABILITY & REACTIVITY INFO

STABILITY: STABLE.  
CONDITIONS TO AVOID: TEMPERATURES OF 100 DEGREES C (212 DEGREE F) OR OVER WILL BOIL WATER AWAY. DO NOT MIX ACIDS OR CATIONIC MATERIALS.  
INCOMPATIBILITY: TREAT AS WATER.  
HAZARD POLYMERIZATION: WILL NOT OCCUR.  
HAZARD DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION ON BURNING MAY PRODUCE TOXIC GASSES.

### SECTION XI - ECOLOGICAL INFORMATION

IF THIS PRODUCT BECOMES A WASTE, IT DOES NOT EXHIBIT THE PROPERTIES OF IGNITABILITY, CORROSIVITY, REACTIVITY OR ENVIRONMENTALLY PERSISTENT TOXICITY. THE MATERIAL SHOULD NOT BE FLUSHED INTO ANY SEWER SYSTEM. THIS PRODUCT SHOULD NOT BE RELEASED TO THE ENVIRONMENT WITHOUT CHEMICAL TREATMENT BY FLOCCULATION / PRECIPITATION.

“WASSERGEFAHRDUNGSKLASSE” CLASS 1

### SECTION XII - TOXICOLOGICAL PROPERTIES

LD50: NOT DETERMINED. SIMILAR PRODUCTS TESTED FOR LD50 LIMIT VALUE ARE GREATER THAN 10,000 mg/kg.  
THRESHOLD LIMIT VALUE: NO LIMIT DETERMINED.  
EFFECTS OF ACUTE EXPOSURE:  
INGESTION: NAUSEA MAY OCCUR.  
INHALATION: PROLONGED EXPOSURE MAY PRODUCE

HEADACHES, AND MUCOUS MEMBRANE IRRITATION.

SKIN CONTACT: DIRECT CONTACT MAY CAUSE IRRITATION.

EYE CONTACT: DIRECT CONTACT MAY CAUSE IRRITATION.

EFFECTS OF CHRONIC EXPOSURE: NONE DETERMINED.

### SECTION XIII - DISPOSAL CONSIDERATIONS

RECOMMENDED WASTE DISPOSAL METHODS: MATERIAL SHOULD NOT BE FLUSHED INTO ANY SEWER SYSTEM. THIS PRODUCT AND ANY RESIDUAL MATERIAL LEFT IN ITS PACKAGING MAY BE INCINERATED, OR ABSORBED WITH AN INERT ABSORBENT MATERIAL AND  
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LANDFILLED. AFTER THE MATERIAL HAS BEEN COLLECTED, DISPOSE OF IN ACCORDANCE WITH ALL LOCAL AND NATIONAL REGULATIONS APPLICABLE TO NON-HAZARDOUS LIQUID WASTES.

“ABFALLSCHLUSSELNUMMER”: 57303

### SECTION XIV - TRANSPORT INFORMATION

THIS PRODUCT IS CLASSIFIED AS “NON-FLAMMABEL, NON-HAZARDOUS, NOT RESTRICTED” FOR TRANSPORT PURPOSES.  
UNITED NATIONS NUMBER: NONE  
ADR/RID CLASS:  
IATA CLASS:  
IMO CLASS:  
IMDG CODE:  
MARINE POLLUTANT CLASSIFICATION: NOT CLASSIFIED AS A MARINE POLLUTANT.

### SECTION XV REGULATORY INFORMATION

CLASSIFICATION: NOT CLASSIFIED AS DANGEROUS FOR THE USER.

RISK PHRASES:  
WARNING SIGNS:  
COUNTRIES OUTSIDE THE EEC:  
CANADA WHMIS CLASSIFICATION-CLASS D, DIVISION 2.

### SECTION XVI - OTHER INFORMATION

AICS: (AUSTRALIA) NOT DETERMINED.  
EINECS: (EUROPE) THIS PRODUCT MEETS THE DEFINITION OF A POLYMER UNDER THE 7<sup>TH</sup> AMENDMENT TO DIRECTIVE 67/548/EEC. (92/32/EEC)  
CEPA DSL: (CANADA) NOT DETERMINED.  
HANDBOOK OF EXITING AND NEW CHEMICAL SUBSTANCES: (JAPAN) NOT DETERMINED.  
TOXIC SUBSTANCES CONTROL ACT: (USA) THIS PRODUCT IS ON THE 8(B) INVENTORY LIST

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( 40 CFR 710 ).

SARA: (USA) SECTION 302 – THIS PRODUCT DOES NOT CONTAIN MATERIALS LISTED IN APPENDIX A OR B AS AN EXTREMELY HAZARDOUS SUBSTANCE.

SECTIONS 311/312 – MATERIALS LISTED IN 29 CFR 1910, SUBPART Z ARE IDENTIFIED IN SECTION III. NONE ARE KNOWN OR SUSPECTED CARCINOGENS LISTED BY THE NATIONAL TOXICOLOGY PROGRAM INTERNATIONAL AGENCY FOR RESEARCH ON CANCER, OR OSHA.

SECTION 313 – LISTED MATERIALS CONTAINED IN

THIS PRODUCT ARE IDENTIFIED IN SECTIONS II OR III OF THIS MSDS.

CLEAN AIR ACT: (USA) THIS PRODUCT DOES NOT

CONTAIN, AND HAS NOT CONTACTED DURING MANUFACTURE, ANY OZONE DEPLETING SUBSTANCES.

FOOD PACKAGING USE: THIS PRODUCT IS FOR INDUSTRIAL USE ONLY. IT IS NOT APPROVED FOR ANY APPLICATIONS INVOLVING FOOD PACKAGING OR CONTACT.

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### USER'S RESPONSIBILITY

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FOX VALLEY CHEMICAL CO CANNOT ANTICIPATE ALL CONDITIONS OF HANDLING AND USE OF THIS PRODUCT. THEREFORE, FOX VALLEY CHEMICAL CO ACCEPTS NO RESPONSIBILITY FOR RESULTS OBTAINED BY THE APPLICATION OF THIS INFORMATION, OR THE SAFETY AND SUITABILITY OF OUR PRODUCTS EITHER ALONE OR IN COMBINATION WITH OTHER PRODUCTS.

IT IS THE RESPONSIBILITY OF THE USER TO PROVIDE A SAFE WORKPLACE, USING THE HEALTH AND SAFETY INFORMATION CONTAINED HEREIN AS A GUIDE. FOX VALLEY CHEMICAL CO WILL ACCEPT NO LIABILITY FOR DAMAGES OR LOSS INCURRED FROM THE IMPROPER HANDLING AND USE OF THIS PRODUCT.

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### PREPARATION INFORMATION

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THIS MATERIAL SAFETY DATA SHEET WAS PREPARED UNDER THE REQUIREMENTS OF DIRECTIVE 93/112/EEC.