



## MATERIAL SAFETY DATA SHEET

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Elmer's Products, Inc.  
1 Easton Oval  
Columbus, OH 43219

Emergency Phone Number:  
Poison Control Center  
1-888-516-2502

For additional product information, access our website at [www.elmers.com](http://www.elmers.com) or call 1-888-435-6377.  
To place an order, call 1-800-848-9400.

**SUBSTANCE: ELMER'S PAINTERS - WATER BASED**

**PRODUCT USE:** paint related products

**CREATION DATE:** Jun 24 2005

**REVISION DATE:** Sep 15 2005

### 2. COMPOSITION, INFORMATION ON INGREDIENTS

**COMPONENT:** DIPROPYLENE GLYCOL METHYL ETHER

**CAS NUMBER:** 34590-94-8

**PERCENTAGE:** <=2.3

**COMPONENT:** WATER

**CAS NUMBER:** 7732-18-5

**PERCENTAGE:** >=97.7

### 3. HAZARDS IDENTIFICATION

**NFPA RATINGS (SCALE 0-4):** HEALTH=2 FIRE=1 REACTIVITY=0

**EMERGENCY OVERVIEW:**

**PHYSICAL FORM:** liquid

**ODOR:** aromatic odor

**MAJOR HEALTH HAZARDS:** respiratory tract irritation, central nervous system depression

**POTENTIAL HEALTH EFFECTS:**

**INHALATION:**

**SHORT TERM EXPOSURE:** irritation, headache, dizziness, drowsiness, loss of coordination

**LONG TERM EXPOSURE:** headache, dizziness, drowsiness, loss of coordination

**SKIN CONTACT:**



**SHORT TERM EXPOSURE:** absorption may occur, headache, dizziness, drowsiness, loss of coordination

**LONG TERM EXPOSURE:** irritation, kidney damage

**EYE CONTACT:**

**SHORT TERM EXPOSURE:** irritation

**LONG TERM EXPOSURE:** irritation

**INGESTION:**

**SHORT TERM EXPOSURE:** headache, drowsiness, dizziness, loss of coordination

**LONG TERM EXPOSURE:** no information on significant adverse effects

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#### 4. FIRST AID MEASURES

**INHALATION:** If adverse effects occur, remove to uncontaminated area. Give artificial respiration if not breathing. If breathing is difficult, oxygen should be administered by qualified personnel. Get immediate medical attention.

**SKIN CONTACT:** Wash skin with soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention, if needed. Thoroughly clean and dry contaminated clothing and shoes before reuse.

**EYE CONTACT:** Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

**INGESTION:** If a large amount is swallowed, get medical attention.

**NOTE TO PHYSICIAN:** For inhalation, consider oxygen.

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#### 5. FIRE FIGHTING MEASURES

**FIRE AND EXPLOSION HAZARDS:** Slight fire hazard.

**EXTINGUISHING MEDIA:** carbon dioxide, regular dry chemical, regular foam, water

**FIRE FIGHTING:** Move container from fire area if it can be done without risk. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas.

**FLASH POINT:** Not applicable

**HAZARDOUS COMBUSTION PRODUCTS:**

Thermal decomposition products or combustion: oxides of carbon, oxides of nitrogen

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#### 6. ACCIDENTAL RELEASE MEASURES

**OCCUPATIONAL RELEASE:**

Stop leak if possible without personal risk. Small spills: Absorb with sand or other non-combustible material. Collect spilled material in appropriate container for disposal.

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#### 7. HANDLING AND STORAGE

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**STORAGE:** Store and handle in accordance with all current regulations and standards. Protect from freezing. See original container for storage recommendations. Keep separated from incompatible substances.

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## 8. EXPOSURE CONTROLS, PERSONAL PROTECTION

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### **EXPOSURE LIMITS:**

#### **DIPROPYLENE GLYCOL METHYL ETHER:**

100 ppm (600 mg/m<sup>3</sup>) OSHA TWA (skin)

150 ppm (900 mg/m<sup>3</sup>) OSHA STEL (vacated by 58 FR 35338, June 30, 1993)

100 ppm ACGIH TWA (skin)

150 ppm ACGIH STEL (skin)

100 ppm (600 mg/m<sup>3</sup>) NIOSH recommended TWA 10 hour(s) (skin)

150 ppm (900 mg/m<sup>3</sup>) NIOSH recommended STEL (skin)

**VENTILATION:** Provide local exhaust ventilation system. Ensure compliance with applicable exposure limits.

**EYE PROTECTION:** Wear splash resistant safety goggles. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

**CLOTHING:** Wear appropriate chemical resistant clothing.

**GLOVES:** Wear appropriate chemical resistant gloves.

**PROTECTIVE MATERIAL TYPES:** protective skin cream

**RESPIRATOR:** Under conditions of frequent use or heavy exposure, respiratory protection may be needed. Respiratory protection is ranked in order from minimum to maximum. Consider warning properties before use.

Any chemical cartridge respirator with organic vapor cartridge(s).

Any chemical cartridge respirator with a full facepiece and organic vapor cartridge(s).

Any air-purifying respirator with a full facepiece and an organic vapor canister.

**For Unknown Concentrations or Immediately Dangerous to Life or Health -**

Any supplied-air respirator with full facepiece and operated in a pressure-demand or other positive-pressure mode in combination with a separate escape supply.

Any self-contained breathing apparatus with a full facepiece.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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**PHYSICAL STATE:** liquid

**ODOR:** aromatic odor

**BOILING POINT:** 212-473 F (100-245 C)

**FREEZING POINT:**

<32 F (><0 C)>**DECOMPOSITION POINT:** 351 F (177 C)

**VAPOR PRESSURE:** 17 mmHg

**VAPOR DENSITY (air=1):** <1

**SPECIFIC GRAVITY (water=1):** 1.06-1.38

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**WATER SOLUBILITY:** dilutable

**PH:** Not available

**VOLATILITY:** Not available

**ODOR THRESHOLD:** Not available

**EVAPORATION RATE:**

<1 (butyl acetate=1)>**COEFFICIENT OF WATER/OIL DISTRIBUTION:** Not available

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## 10. STABILITY AND REACTIVITY

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**REACTIVITY:** Stable at normal temperatures and pressure.

**CONDITIONS TO AVOID:** Avoid heat, flames, sparks and other sources of ignition. Avoid contact with incompatible materials.

**INCOMPATIBILITIES:** oxidizing materials

**HAZARDOUS DECOMPOSITION:**

Thermal decomposition products or combustion: oxides of carbon, oxides of nitrogen

**POLYMERIZATION:** Will not polymerize.

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## 11. TOXICOLOGICAL INFORMATION

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**DIPROPYLENE GLYCOL METHYL ETHER:**

**IRRITATION DATA:** 8 mg eyes-human mild; 500 mg open skin-rabbit mild; 500 mg/24 hour(s) eyes-rabbit mild

**TOXICITY DATA:** 10 ml/kg skin-rabbit LD50; 5.5 ml/kg oral-rat LD50

**LOCAL EFFECTS:**

Irritant: inhalation

**ACUTE TOXICITY LEVEL:**

Slightly Toxic: dermal absorption, ingestion

**TARGET ORGANS:** central nervous system

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** liver disorders, respiratory disorders

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## 12. ECOLOGICAL INFORMATION

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Not available

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## 13. DISPOSAL CONSIDERATIONS

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Dispose in accordance with all applicable regulations.

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## 14. TRANSPORT INFORMATION

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**U.S. DEPARTMENT OF TRANSPORTATION:** No classification assigned.

**CANADIAN TRANSPORTATION OF DANGEROUS GOODS:** No classification assigned.

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## 15. REGULATORY INFORMATION

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### U.S. REGULATIONS:

**CERCLA SECTIONS 102a/103 HAZARDOUS SUBSTANCES (40 CFR 302.4):** Not regulated.

**SARA TITLE III SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355.30):**  
Not regulated.

**SARA TITLE III SECTION 304 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355.40):**  
Not regulated.

**SARA TITLE III SARA SECTIONS 311/312 HAZARDOUS CATEGORIES (40 CFR 370.21):**

ACUTE: Yes

CHRONIC: No

FIRE: No

REACTIVE: No

SUDDEN RELEASE: No

**SARA TITLE III SECTION 313 (40 CFR 372.65):** Not regulated.

**OSHA PROCESS SAFETY (29CFR1910.119):** Not regulated.

### STATE REGULATIONS:

**California Proposition 65:** Not regulated.

### CANADIAN REGULATIONS:

**WHMIS CLASSIFICATION:** Not determined.

### NATIONAL INVENTORY STATUS:

**U.S. INVENTORY (TSCA):** All the components of this substance are listed on or are exempt from the inventory.

### **TSCA 12(b) EXPORT NOTIFICATION:**

**DIPROPYLENE GLYCOL METHYL ETHER**

**CAS NUMBER:** 34590-94-8

**SECTION 4**

**CANADA INVENTORY (DSL/NDSL):** Not determined.

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## 16. OTHER INFORMATION

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