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Material Safety Data Sheet
Material Name: **ELMER'S PAINTERS - WATER BASED**
MSDS ID: 00231140
Issue Date: 09/29/09
Revision 1.0100

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Other Sections02 03 04 05 06 07 08 09 10 11 12 13 14 15 16

*** Section 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION ***

Material Name: ELMER'S PAINTERS - WATER BASED

Manufacturer Information

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 or call 1-888-435-6377. To place an order, call 1-800-848-9400.

Product Use

paint related products

*** Section 2 - HAZARDS IDENTIFICATION ***

NFPA Ratings:

Health: 2 Fire: 1 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

EMERGENCY OVERVIEW

Physical Form: liquid

Odor: aromatic odor

Major Health Hazards: respiratory tract irritation, central nervous system depression

POTENTIAL HEALTH EFFECTS**Inhalation**

Short Term: irritation, headache, dizziness, drowsiness, loss of coordination

Long Term: headache, dizziness, drowsiness, loss of coordination

Skin

Short Term: absorption may occur, headache, dizziness, drowsiness, loss of coordination

Long Term: irritation, kidney damage

Eye

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Short Term: irritation
Long Term: irritation

Ingestion

Short Term: headache, drowsiness, dizziness, loss of coordination
Long Term: no information on significant adverse effects

* * * Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS * * *

CAS	Component	Percent
7732-18-5	WATER	>=97.7
34590-94-8	DIPROPYLENE GLYCOL METHYL ETHER	<=2.3

* * * Section 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

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.

Eyes

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 Physicians

For inhalation, consider oxygen.

* * * Section 5 - FIRE FIGHTING MEASURES * * *

See Section 9 for Flammability Properties

Flammable Properties

Slight fire hazard.

Extinguishing Media

carbon dioxide, regular dry chemical, regular foam, water

Fire Fighting Measures

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.

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Hazardous Combustion Products**Combustion:** oxides of carbon, oxides of nitrogen

*** * * Section 6 - ACCIDENTAL RELEASE MEASURES * * ***

Occupational spill/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.

*** * * Section 7 - HANDLING AND STORAGE * * ***

Storage Procedures

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.

*** * * Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION * * ***

Component Exposure Limits**DIPROPYLENE GLYCOL METHYL ETHER (34590-94-8)****ACGIH:** 100 ppm TWA

150 ppm STEL

Skin - potential significant contribution to overall exposure by the cutaneous route

NIOSH: 100 ppm TWA; 600 mg/m³ TWA150 ppm STEL; 900 mg/m³ STEL

Potential for dermal absorption

OSHA: 100 ppm TWA; 600 mg/m³ TWA

prevent or reduce skin absorption

**OSHA
(Vacated):** Prevent or reduce skin absorption150 ppm STEL; 900 mg/m³ STEL100 ppm TWA; 600 mg/m³ TWA**Ventilation**

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

Eyes/Face

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

Protective Clothing

Wear appropriate chemical resistant clothing.

Glove Recommendations

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Wear appropriate chemical resistant gloves.

Protective Materials

protective skin cream

Respiratory Protection

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 a full facepiece that is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained breathing apparatus operated in pressure-demand or other positive-pressure mode.

Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode.

* * * Section 9 - PHYSICAL AND CHEMICAL PROPERTIES * * *

Physical State: Liquid	Appearance: Not available
Physical Form: liquid	Odor: aromatic odor
Odor Threshold: Not available	pH: Not available
Melting/Freezing Point: <0 °C	Boiling Point: 100 - 245 °C
Decomposition: 177 °C	Flash Point: Not applicable
Evaporation Rate: <1 (butyl acetate=1)	Vapor Pressure: 17 mmHg
Vapor Density (air = 1): <1	Density: Not available
Specific Gravity (water = 1): 1.06 - 1.38	Water Solubility: dilutable
Coeff. Water/Oil Dist: Not available	Viscosity: Not available
Volatility: Not available	

* * * Section 10 - STABILITY AND REACTIVITY * * *

Chemical Stability

Stable at normal temperatures and pressure.

Conditions to Avoid

Avoid heat, flames, sparks and other sources of ignition. Avoid contact with incompatible materials.

Materials to Avoid

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oxidizing materials

Hazardous Decomposition**Combustion:** oxides of carbon, oxides of nitrogen**Possibility of Hazardous Reactions**

Will not polymerize.

*** * * Section 11 - TOXICOLOGICAL INFORMATION * * ***

Component Analysis - LD50/LC50

The components of this material have been reviewed in various sources and the following selected endpoints are published:

WATER (7732-18-5)

Oral LD50 Rat: >90 mL/kg

DIPROPYLENE GLYCOL METHYL ETHER (34590-94-8)

Oral LD50 Rat: 5230 mg/kg; Dermal LD50 Rabbit: 9500 mg/kg

RTECS Acute Toxicity (selected)

The components of this material have been reviewed, and RTECS publishes the following endpoints:

WATER (7732-18-5)**Oral:** >90 ml/kg oral rat LD50**DIPROPYLENE GLYCOL METHYL ETHER (34590-94-8)****Oral:** 5400 ul/kg oral rat LD50; 5.5 ml/kg oral rat LD50**Skin:** 10 ml/kg skin rabbit LD50**Acute Toxicity Level****DIPROPYLENE GLYCOL METHYL ETHER (34590-94-8)****Slightly** dermal absorption, ingestion.**Toxic:****Component Carcinogenicity**

None of this product's components are listed by ACGIH, IARC, OSHA, or NTP.

RTECS Irritation

The components of this material have been reviewed, and RTECS publishes the following endpoints:

DIPROPYLENE GLYCOL METHYL ETHER (34590-94-8)

8 mg eyes human mild; 500 mg/24 hour(s) eyes rabbit mild; 500 mg/open skin rabbit mild

Local Effects**DIPROPYLENE GLYCOL METHYL ETHER (34590-94-8)****Irritant:** inhalation.

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Target Organs**DIPROPYLENE GLYCOL METHYL ETHER (34590-94-8)**

central nervous system.

Medical Conditions Aggravated by Exposure

liver disorders, respiratory disorders

RTECS Tumorigenic

The components of this material have been reviewed, and RTECS publishes data for one or more components.

RTECS Mutagenic

The components of this material have been reviewed, and RTECS publishes data for one or more components.

RTECS Reproductive Effects

The components of this material have been reviewed, and RTECS publishes data for one or more components.

*** * * Section 12 - ECOLOGICAL INFORMATION * * ***

Component Analysis - Aquatic Toxicity**DIPROPYLENE GLYCOL METHYL ETHER (34590-94-8)****Fish:** 96 Hr LC50 Pimephales promelas: >10000 mg/L [static]**Invertebrate:** 48 Hr LC50 Daphnia magna: 1919 mg/L

*** * * Section 13 - DISPOSAL CONSIDERATIONS * * ***

Disposal Methods

Dispose in accordance with all applicable regulations.

Component Waste Numbers

The U.S. EPA has not published waste numbers for this product's components.

*** * * Section 14 - TRANSPORT INFORMATION * * ***

US DOT Information: No Classification assigned.**TDG Information:** No Classification assigned.

*** * * Section 15 - REGULATORY INFORMATION * * ***

U.S. Federal Regulations

This material contains one or more of the following chemicals required to be identified under SARA Sections 302/304 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), and/or require an OSHA process safety plan.

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DIPROPYLENE GLYCOL METHYL ETHER (34590-94-8)

TSCA 12b: Section 4, 1 %

SARA 311/312

Acute Health: Yes Chronic Health: No Fire: No Pressure: No Reactive: No

U.S. State Regulations

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS	CA	MA	MN	NJ	PA	RI
DIPROPYLENE GLYCOL METHYL ETHER	34590-94-8	Yes	Yes	Yes	Yes	Yes	Yes

Not regulated under California Proposition 65

Canada WHMIS

The following components are identified under the Canadian Hazardous Products Act Ingredient Disclosure List:

DIPROPYLENE GLYCOL METHYL ETHER (34590-94-8)

1 %

U.S. Inventory (TSCA)

All the components of this substance are listed on or are exempt from the inventory.

Component Analysis - Inventory

Component	CAS	US	CA
WATER	7732-18-5	Yes	DSL
DIPROPYLENE GLYCOL METHYL ETHER	34590-94-8	Yes	DSL

* * * Section 16 - OTHER INFORMATION * * *

Key / Legend

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSL - Domestic Substances List; EEC - European Economic Community; EINECS - European Inventory of Existing Commercial Chemical Substances; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; JP - Japan; Kow - Octanol/water partition coefficient; KR - Korea; LEL - Lower Explosive Limit; LOLI - List Of Lists™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PH - Philippines; RCRA - Resource Conservation and Recovery Act; RID - European Rail Transport; RTECS - Registry of Toxic Effects of Chemical Substances®; SARA - Superfund Amendments

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and Reauthorization Act; STEL - Short-term Exposure Limit; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; TWA - Time Weighted Average; UEL - Upper Explosive Limit; US - United States

Other Information

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