



Safety Data Sheet:  
**Material Name: Elmer's  
Painters - Metallic**  
**SDS ID: SDS-58**  
Issue Date: 2014-12-09  
Revision: .

#### Other Sections

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## Section 1 - PRODUCT AND COMPANY IDENTIFICATION

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#### Material Name

Elmer's Painters - Metallic

#### Synonyms

7409, 7410, 7411, 7412, 7526, 7328, 7329, JA7581,7330, 7331, JA7582

#### Product Use

paint related products.

#### Manufacturer Information

Elmer's Products, Inc  
460 Polaris Parkway, Suite 500  
Westerville, OH 43082  
USA  
Phone:1-888-435-6377  
Fax:1-800-741-6046  
Email:comments@elmers.com

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). To place an order, call 1-800-848-9400.

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## Section 2 - HAZARDS IDENTIFICATION

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#### Classification in accordance with paragraph (d) of 29 CFR 1910.1200.

Flammable Liquids - Category 2

Specific Target Organ Toxicity - Single Exposure - Category 3 ( respiratory system, central nervous system )

Hazardous to the Aquatic Environment - Acute - Category 2

## GHS Label Elements

### Symbol(s)



### Signal Word

Danger

### Hazard Statement(s)

Highly flammable liquid and vapor

May cause respiratory irritation. May cause drowsiness or dizziness

Toxic to aquatic life

### Precautionary Statement(s)

#### Prevention

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

Keep container tightly closed

Ground/Bond container and receiving equipment

Use explosion-proof electrical/ventilating/lighting equipment

Use non-sparking tools

Take action to prevent static discharges

Avoid breathing dust/fume/gas/mist/vapours/spray

Use only outdoors or in a well-ventilated area

Avoid release to the environment

Wear protective gloves/protective clothing/eye protection/face protection

#### Response

IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower

IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing

Call a POISON CENTER or doctor if you feel unwell

In case of fire: Use appropriate media to extinguish

#### Storage

Store in a well-ventilated place. Keep container tightly closed

Keep cool

Store locked up

#### Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations

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### Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CAS	Component Name	Percent
64742-95-6	Solvent naphtha, petroleum, light aromatic	<= 43.5
64742-89-8	Solvent naphtha, petroleum, light aliphatic	<= 27.5
34590-94-8	Dipropylene glycol monomethyl ether	<= 5.5
Not Available	Non-Hazaroud Substance	<= 27.5

### Section 4 - FIRST AID MEASURES

#### Description of Necessary Measures

Get medical advice/attention if you feel unwell.

#### Inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing.

#### Skin

Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.

#### Eyes

Flush eyes with plenty of water. Get medical advice/attention.

#### Ingestion

If swallowed, get medical attention.

#### Most Important Symptoms/Effects

##### Acute

May cause respiratory irritation. May cause drowsiness or dizziness.

##### Delayed

no information on significant adverse effects.

### Section 5 - FIRE FIGHTING MEASURES

## **Extinguishing Media**

### **Suitable Extinguishing Media**

Use carbon dioxide, regular dry chemical, regular foam or water.

### **Unsuitable Extinguishing Media**

None known.

## **Special Hazards Arising from the Chemical**

Severe fire hazard. The vapor is heavier than air. Vapors or gases may ignite at distant ignition sources and flash back. Vapor/air mixtures are explosive.

## **Hazardous Combustion Products**

Oxides of carbon.

## **Special Protective Equipment and Precautions for Firefighters**

Wear full protective fire fighting gear including self contained breathing apparatus (SCBA) for protection against possible exposure.

## **Fire Fighting Measures**

Move container from fire area if it can be done without risk. Cool containers with water spray until well after the fire is out. Flood with fine water spray. Do not scatter spilled material with high-pressure water streams. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas.

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

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### **Personal Precautions, Protective Equipment and Emergency Procedures**

Wear personal protective clothing and equipment, see Section 8.

### **Methods and Materials for Containment and Cleaning Up**

Avoid heat, flames, sparks and other sources of ignition. Stop leak if possible without personal risk. Reduce vapors with water spray. Small spills: Absorb with sand or other non-combustible material. Collect spilled material in appropriate container for disposal.

### **Environmental Precautions**

Avoid release to the environment.

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

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### **Precautions for Safe Handling**

Keep away from heat/sparks/open flame/hot surfaces - No smoking. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Take

precautionary measures against static discharge. Use only non-sparking tools. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing dust/fume/gas/mist/vapors/spray.

### Conditions for Safe Storage, Including any Incompatibilities

Store in a well-ventilated place. Keep container tightly closed

Keep cool

Store locked up

Keep away from incompatible materials.

### Incompatible Materials

oxidizing materials.

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## Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

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### Component Exposure Limits

Dipropylene glycol monomethyl ether	34590-94-8
ACGIH:	100 ppm TWA
	150 ppm STEL
	Skin - potential significant contribution to overall exposure by the cutaneous route
NIOSH:	100 ppmTWA; 600 mg/m <sup>3</sup> TWA
	150 ppmSTEL; 900 mg/m <sup>3</sup> STEL
	Potential for dermal absorption
	600 ppmIDLH
Europe:	50 ppm TWA; 308 mg/m <sup>3</sup> TWA
	Possibility of significant uptake through the skin
OSHA (US):	100 ppmTWA; 600 mg/m <sup>3</sup> TWA
	prevent or reduce skin absorption
Mexico:	100 ppmTWA LMPE-PPT; 60 mg/m <sup>3</sup> TWA LMPE-PPT
	150 ppmSTEL [LMPE-CT]; 900 mg/m <sup>3</sup> STEL [LMPE-CT]
	Skin - potential for cutaneous absorption

### Biological limit value

There are no biological limit values for any of this product's components.

**Engineering Controls**

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

**Individual Protection Measures, such as Personal Protective Equipment****Eye/face protection**

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

**Skin Protection**

Wear appropriate chemical resistant clothing.

**Respiratory Protection**

Under conditions of frequent use or heavy exposure, respiratory protection may be needed.

**Glove Recommendations**

Wear appropriate chemical resistant gloves.

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## Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

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<b>Appearance</b>	Not available	<b>Physical State</b>	liquid
<b>Odor</b>	solvent odor	<b>Color</b>	various colors
<b>Odor Threshold</b>	Not available	<b>pH</b>	Not available
<b>Melting Point</b>	Not available	<b>Boiling Point</b>	Not available
<b>Freezing point</b>	Not available	<b>Evaporation Rate</b>	>1 (butyl acetate=1)
<b>Boiling Point Range</b>	120-199 °C	<b>Flammability (solid, gas)</b>	Not available
<b>Autoignition</b>	Not available	<b>Flash Point</b>	13 °C (PMCC)
<b>Lower Explosive Limit</b>	Not available	<b>Decomposition</b>	Not available
<b>Upper Explosive Limit</b>	7 % (estimated)	<b>Vapor Pressure</b>	6 mmHg (estimated)
<b>Vapor Density (air=1)</b>	>1	<b>Specific Gravity (water=1)</b>	0.9 - 1
<b>Water Solubility</b>	negligible	<b>Partition coefficient: n-octanol/water</b>	Not available
<b>Viscosity</b>	Not available	<b>Solubility (Other)</b>	Not available
<b>Density</b>	Not available	<b>Physical Form</b>	liquid

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

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### **Reactivity**

No reactivity hazard is expected.

### **Chemical Stability**

Stable at normal temperatures and pressure.

### **Possibility of Hazardous Reactions**

Hazardous polymerization will not occur.

### **Conditions to Avoid**

Avoid heat, flames, sparks and other sources of ignition. Containers may rupture or explode if exposed to heat. Keep out of water supplies and sewers.

### **Incompatible Materials**

oxidizing materials.

### **Hazardous decomposition products**

oxides of carbon.

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## **Section 11 - TOXICOLOGICAL INFORMATION**

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### **Information on Likely Routes of Exposure**

#### **Inhalation**

May cause respiratory irritation. May cause drowsiness or dizziness.

#### **Skin Contact**

May cause skin irritation.

#### **Eye Contact**

May cause eye irritation.

#### **Ingestion**

no information on significant adverse effects.

### **Acute and Chronic Toxicity**

#### **Component Analysis - LD50/LC50**

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

Solvent naphtha, petroleum, light aromatic (64742-95-6)  
Dermal LD50Rabbit > 2000 mg/kg  
Inhalation LC50Rat 3400 ppm 4 h  
Solvent naphtha, petroleum, light aliphatic (64742-89-8)  
Oral LD50Mouse 5000 mg/kg  
Dermal LD50Rabbit 3000 mg/kg  
Dipropylene glycol monomethyl ether (34590-94-8)  
Oral LD50Rat 5230 mg/kg  
Dermal LD50Rabbit 9500 mg/kg

### **Immediate Effects**

May cause respiratory irritation. May cause drowsiness or dizziness.

### **Delayed Effects**

No information on significant adverse effects.

### **Irritation/Corrosivity Data**

May cause respiratory irritation, eye irritation, skin irritation.

### **Respiratory Sensitization**

No information available for the product.

### **Dermal Sensitization**

No information available for the product.

### **Component Carcinogenicity**

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

### **Germ Cell Mutagenicity**

No information available for the product.

### **Reproductive Toxicity**

No information available for the product.

### **Specific Target Organ Toxicity - Single Exposure**

Respiratory system, central nervous system.

### **Specific Target Organ Toxicity - Repeated Exposure**

no information on significant adverse effects.

### **Aspiration hazard**

No information available for the product.

### **Medical Conditions Aggravated by Exposure**

No data available.

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## Section 12 - ECOLOGICAL INFORMATION

### Component Analysis - Aquatic Toxicity

Solvent naphtha, petroleum, light aromatic	64742-95-6
Fish:	LC50 96 h Oncorhynchus mykiss 9.22 mg/L
Invertebrate:	EC50 48 h Daphnia magna 6.14 mg/L IUCLID
Solvent naphtha, petroleum, light aliphatic	64742-89-8
Algae:	EC50 72 h Pseudokirchneriella subcapitata 4700 mg/L IUCLID
Dipropylene glycol monomethyl ether	34590-94-8
Fish:	LC50 96 h Pimephales promelas >10000 mg/L [static]
Invertebrate:	LC50 48 h Daphnia magna 1919 mg/L IUCLID

## Section 13 - DISPOSAL CONSIDERATIONS

### Disposal Methods

Dispose in accordance with all applicable regulations.

## Section 14 - TRANSPORT INFORMATION

### US DOT Information:

**Hazard Class:** ORM-D

**UN/NA #:** Consumer commodity

**Packing Group:**

**Required Label(s):**

### TDG Information:

**UN#:** No Classification assigned

### IATA Information:

**UN#:** Consumer commodity

## Section 15 - REGULATORY INFORMATION

## U.S. Federal Regulations

This material contains one or more of the following chemicals required to be identified under SARA Section 302 (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.

Dipropylene glycol monomethyl ether	34590-94-8
SARA 313:	1 % de minimis concentration (applies to R-(OCH <sub>2</sub> CH <sub>2</sub> ) <sub>n</sub> -OR', where n = 1, 2, or 3, R=Alkyl C7 or less, or R = Phenyl or Alkyl substituted phenyl, R' = H or Alkyl C7 or less, or OR' consisting of Carboxylic acid ester, Sulfate, Phosphate, Nitrate, or Sulfonate, Chemical Category N230) (related to Glycol ethers)

### SARA Section 311/312 (40 CFR 370 Subparts B and C)

**Acute Health:** Yes **Chronic Health:** No **Fire:** Yes **Pressure:** No **Reactivity:** 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
Dipropylene glycol monomethyl ether	34590-94-8	Yes	Yes	Yes	Yes	Yes

## Not listed under California Proposition 65

## Canadian WHMIS Ingredient Disclosure List (IDL)

Components of this material have been checked against the Canadian WHMIS Ingredients Disclosure List. The List is composed of chemicals which must be identified on MSDSs if they are included in products which meet WHMIS criteria specified in the Controlled Products Regulations and are present above the threshold limits listed on the IDL

Dipropylene glycol monomethyl ether	34590-94-8
	1 %

## Component Analysis - Inventory

Solvent naphtha, petroleum, light aromatic (64742-95-6)

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR - KECI/KECL	KR - TCCA	CN	NZ	MX
Yes	DSL	EIN	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes

Solvent naphtha, petroleum, light aliphatic (64742-89-8)

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR - KECI/KECL	KR - TCCA	CN	NZ	MX
Yes	DSL	EIN	Yes	Yes	No	No	Yes	No	Yes	Yes	Yes

Dipropylene glycol monomethyl ether (34590-94-8)

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR - KECI/KECL	KR - TCCA	CN	NZ	MX
Yes	DSL	EIN	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes

## Section 16 - OTHER INFORMATION

### NFPA Ratings

Health: 2 Fire: 3 Reactivity: 0

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

### Summary of Changes

New SDS: 12/9/2014

### 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; CLP - Classification, Labelling, and Packaging; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSD - Dangerous Substance Directive; 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; LLV - Level Limit Value; 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; REACH- Registration, Evaluation, Authorisation, and restriction of Chemicals; RID - European Rail Transport; SARA - Superfund Amendments 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

Reasonable care has been taken in the preparation of this information; however, the manufacturer makes no warranty whatsoever including the warranty of merchantability, expressed or implied, with respect to this information. The manufacturer makes no representations and assumes no liability for any direct, incidental, consequential, or other such damages resulting from its use or misuse.

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