



Safety Data Sheet:  
**Material Name: Elmer's  
Freestyle Message Board  
Marker**  
**SDS ID: SDS-75**  
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 Freestyle Message Board Marker

### Synonyms

E912; E6211

### Product Use

Arts and Crafts.

### Restrictions on Use

None known.

### 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](mailto: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.**

None needed according to classification criteria

**GHS Label Elements****Symbol(s)**

None needed according to classification criteria

**Signal Word**

None needed according to classification criteria

**Hazard Statement(s)**

None needed according to classification criteria

**Precautionary Statement(s)****Prevention**

None needed according to classification criteria

**Response**

None needed according to classification criteria

**Storage**

None needed according to classification criteria

**Disposal**

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

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

CAS	Component Name	Percent
64-17-5	Ethyl alcohol	15-40
67-63-0	Isopropyl alcohol	30-60
1333-86-4	Carbon black	1-5
103-23-1	Bis(2-ethylhexyl) adipate	5-10

**Section 4 - FIRST AID MEASURES****Inhalation**

It is unlikely that emergency treatment will be required if used as directed. Remove from exposure. Get medical attention, if needed.

### **Skin**

It is unlikely that emergency treatment will be required. If adverse effects occur, wash with soap or mild detergent and large amounts of water. Get medical attention, if needed.

### **Eyes**

It is unlikely that emergency treatment will be required if used as directed. Flush eyes with plenty of water for at least 15 minutes. Get medical attention, if needed.

### **Ingestion**

If swallowed, get medical attention.

### **Most Important Symptoms/Effects**

#### **Acute**

No information on significant adverse effects.

#### **Delayed**

No information on significant adverse effects.

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

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### **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**

Slight fire hazard.

### **Hazardous Combustion Products**

Oxides of carbon.

### **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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## **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

Stop leak if possible without personal risk. Absorb with earth, sand or other non-combustible material and transfer to container. 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

Use only with adequate ventilation. Wash thoroughly after handling.

### Conditions for Safe Storage, Including any Incompatibilities

None needed according to classification criteria

Store in a well-ventilated place. Keep cool. Store in accordance with all current regulations and standards. Keep separated from incompatible substances.

### Incompatible Materials

strong oxidizing materials.

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## Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

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### Component Exposure Limits

Ethyl alcohol	64-17-5
ACGIH:	1000 ppm STEL
NIOSH:	1000 ppmTWA; 1900 mg/m <sup>3</sup> TWA
	3300 ppmIDLH (10% LEL)
OSHA (US):	1000 ppmTWA; 1900 mg/m <sup>3</sup> TWA
Mexico:	1000 ppmTWA LMPE-PPT; 1900 mg/m <sup>3</sup> TWA LMPE-PPT
Isopropyl alcohol	67-63-0
ACGIH:	200 ppm TWA
	400 ppm STEL
NIOSH:	400 ppmTWA; 980 mg/m <sup>3</sup> TWA

	500 ppmSTEL; 1225 mg/m <sup>3</sup> STEL
	2000 ppmIDLH (10% LEL)
OSHA (US):	400 ppmTWA; 980 mg/m <sup>3</sup> TWA
Mexico:	400 ppmTWA LMPE-PPT; 980 mg/m <sup>3</sup> TWA LMPE-PPT
	500 ppmSTEL [LMPE-CT]; 1225 mg/m <sup>3</sup> STEL [LMPE-CT]
Carbon black	1333-86-4
ACGIH:	3 mg/m <sup>3</sup> TWAinhalable fraction
NIOSH:	3.5 mg/m <sup>3</sup> TWA; 0.1 mg/m <sup>3</sup> TWA (Carbon black in presence of Polycyclic aromatic hydrocarbons) as PAH
	1750 mg/m <sup>3</sup> IDLH
OSHA (US):	3.5 mg/m <sup>3</sup> TWA
Mexico:	3.5 mg/m <sup>3</sup> TWA LMPE-PPT
	7 mg/m <sup>3</sup> STEL [LMPE-CT]

### Biological limit value

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

### Engineering Controls

Based on available information, additional ventilation is not required. Ensure compliance with applicable exposure limits.

### Individual Protection Measures, such as Personal Protective Equipment

#### Eye/face protection

Eye protection not required under normal conditions.

#### Skin Protection

Protective clothing is not required.

#### Respiratory Protection

No respirator is required under normal conditions of use.

#### Glove Recommendations

Protective gloves are not required.

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## Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

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Appearance		Physical State	liquid
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	paint / marker		
<b>Odor</b>	Not available	<b>Color</b>	Not available
<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>	Not available
<b>Boiling Point Range</b>	Not available	<b>Flammability (solid, gas)</b>	Not available
<b>Autoignition</b>	Not available	<b>Flash Point</b>	13 °C (Ethyl alcohol)
<b>Lower Explosive Limit</b>	Not available	<b>Decomposition</b>	Not available
<b>Upper Explosive Limit</b>	Not available	<b>Vapor Pressure</b>	Not available
<b>Vapor Density (air=1)</b>	Not available	<b>Specific Gravity (water=1)</b>	Not available
<b>Water Solubility</b>	Not available	<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>	Article containing liquid

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

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### **Chemical Stability**

Stable at normal temperatures and pressure.

### **Possibility of Hazardous Reactions**

Will not polymerize.

### **Conditions to Avoid**

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

### **Incompatible Materials**

strong 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**

No information on significant adverse effects.

#### **Skin Contact**

No information on significant adverse effects.

#### **Eye Contact**

No information on significant adverse effects.

#### **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:

Ethyl alcohol (64-17-5)

Inhalation LC50Rat 124.7 mg/L 4 h

Isopropyl alcohol (67-63-0)

Oral LD50Rat 1870 mg/kg

Dermal LD50Rabbit 4059 mg/kg

Inhalation LC50Rat 72600 mg/m<sup>3</sup> 4 h

Bis(2-ethylhexyl) adipate (103-23-1)

Oral LD50Rat 5600 mg/kg

Dermal LD50Rabbit 8410 mg/kg

#### **Immediate Effects**

No information on significant adverse effects.

#### **Delayed Effects**

No information on significant adverse effects.

#### **Irritation/Corrosivity Data**

No information on significant adverse effects.

**Respiratory Sensitization**

No information on significant adverse effects.

**Dermal Sensitization**

No information on significant adverse effects.

**Component Carcinogenicity**

Ethyl alcohol	64-17-5
ACGIH:	A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans
IARC:	Monograph 100E [2012] (in alcoholic beverages); Monograph 96 [2010] (in alcoholic beverages) (Group 1 (carcinogenic to humans))
NTP:	Known Human Carcinogen (related to Alcoholic beverages)
DFG:	Category 5 (low carcinogenic potency)
OSHA:	Present
Isopropyl alcohol	67-63-0
ACGIH:	A4 - Not Classifiable as a Human Carcinogen
IARC:	Monograph 100F [2012]; Supplement 7 [1987] (related to Isopropyl alcohol manufacture (strong-acid process)) (Group 1 (carcinogenic to humans))
IARC:	Monograph 71 [1999]; Supplement 7 [1987]; Monograph 15 [1977](Group 3 (not classifiable))
OSHA:	Present (related to Isopropyl alcohol manufacture (strong-acid process))
Carbon black	1333-86-4
ACGIH:	A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans
IARC:	Monograph 93 [2010]; Monograph 65 [1996](Group 2B (possibly carcinogenic to humans))
DFG:	Category 3B (could be carcinogenic for man, inhalable fraction)
OSHA:	Present
Bis(2-ethylhexyl) adipate	103-23-1
IARC:	Monograph 77 [2000]; Supplement 7 [1987](Group 3 (not classifiable))

**Germ Cell Mutagenicity**

No information on significant adverse effects.

**Reproductive Toxicity**

No information on significant adverse effects.



**Specific Target Organ Toxicity - Single Exposure**

No target organs identified.

**Specific Target Organ Toxicity - Repeated Exposure**

No target organs identified.

**Aspiration hazard**

No information available for the product.

**Medical Conditions Aggravated by Exposure**

No data available.

## Section 12 - ECOLOGICAL INFORMATION

**Component Analysis - Aquatic Toxicity**

Ethyl alcohol	64-17-5
Fish:	LC50 96 h Oncorhynchus mykiss 12 - 16 mL/L [static]; LC50 96 h Pimephales promelas >100 mg/L [static]; LC50 96 h Pimephales promelas 13400 - 15100 mg/L [flow-through]
Invertebrate:	LC50 48 h Daphnia magna 9268 - 14221 mg/L IUCLID; EC50 48 h Daphnia magna 2 mg/L [static] EPA
Isopropyl alcohol	67-63-0
Fish:	LC50 96 h Pimephales promelas 9640 mg/L [flow-through]; LC50 96 h Pimephales promelas 11130 mg/L [static]; LC50 96 h Lepomis macrochirus >1400000 µg/L
Algae:	EC50 96 h Desmodesmus subspicatus >1000 mg/L IUCLID; EC50 72 h Desmodesmus subspicatus >1000 mg/L IUCLID
Invertebrate:	EC50 48 h Daphnia magna 13299 mg/L IUCLID
Bis(2-ethylhexyl) adipate	103-23-1
Fish:	LC50 96 h Lepomis macrochirus 0.48 - 0.85 mg/L [static]; LC50 96 h Oncorhynchus mykiss 0.48 - 0.85 mg/L [static]; LC50 96 h Pimephales promelas 0.48 - 0.85 mg/L [static]
Algae:	EC50 72 h Desmodesmus subspicatus >500 mg/L IUCLID
Invertebrate:	EC50 48 h Daphnia magna >1.6 mg/L IUCLID

**Persistence and Degradability**

No information available for the product.

**Bioaccumulative Potential**

No information available for the product.

**Biodegradation**

No information available for the product.

**Section 13 - DISPOSAL CONSIDERATIONS****Disposal Methods**

Dispose in accordance with all applicable regulations.

**Section 14 - TRANSPORT INFORMATION****US DOT Information:**

UN/NA #: Not Regulated

**TDG Information:**

UN#: Not Regulated

**IATA 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 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.

Isopropyl alcohol	67-63-0
SARA 313:	1 % de minimis concentration (only if manufactured by the strong acid process, no supplier notification)

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

**Acute Health:** No **Chronic Health:** No **Fire:** No **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
Ethyl alcohol	64-17-5	Yes	Yes	Yes	Yes	Yes



					JP - ENCS	JP - ISHL	KR - KECI/KECL	KR - TCCA			
Yes	DSL	EIN	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes

## Section 16 - OTHER INFORMATION

### NFPA Ratings

Health: 1 Fire: 1 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

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