



Material Safety Data Sheet  
**Material Name: Elmer's Extra-Strength Glue Stick**  
**MSDS ID: ELM-054**  
Issue Date: 01/06/12  
Revision 1.0002

**Other Sections**

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

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**Material Name:** Elmer's Extra-Strength Glue Stick

**Manufacturer Information**

Elmer's Products, Inc.  
460 Polaris Parkway  
Westerville, OH 43082

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.

**Trade Names/Synonyms**

E408; E423; E4016; E4017; E518; E519; E526; E527; E532; E554; E584; E586; E588; E590; E5010; E6548; 60581; 60584

**Product Use**

adhesives

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**\*\*\* Section 2 - HAZARDS IDENTIFICATION\*\*\***

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**NFPA Ratings:**

**Health: 1 Fire: 1 Reactivity: 0**

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

**EMERGENCY OVERVIEW**

**Color:** white, blue, pale blue

**Physical Form:** solid

**Odor:** mild odor

**Major Health Hazards:** No significant target effects reported.

**POTENTIAL HEALTH EFFECTS****Inhalation**

**Short Term:** no information on significant adverse effects

**Long Term:** no information on significant adverse effects

**Skin**

**Short Term:** no information on significant adverse effects

**Long Term:** no information on significant adverse effects

### Eye

**Short Term:** no information on significant adverse effects

**Long Term:** no information on significant adverse effects

### Ingestion

**Short Term:** no information on significant adverse effects

**Long Term:** no information on significant adverse effects

### Regulatory Status

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200). Not a Controlled Product under Canada's Workplace Hazardous Material Information System.

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

CAS	Component	Percent
Not Available	Non-hazardous substance	100

## \*\*\* Section 4 - FIRST AID MEASURES\*\*\*

### Inhalation

If adverse effects occur, remove to uncontaminated area. Give artificial respiration if not breathing. Get immediate medical attention.

### Skin

If bonding occurs, immerse the bonded surfaces in warm soapy water. Peel or roll the surfaces apart using a blunt edge, such as a spatula or spoon handle. Do not pull surfaces apart with a direct opposing action. If burns occur, treat as thermal burns. Get medical attention, if needed.

### Eyes

If bonding to tissues occurs, wash with large amounts of warm water. Cover both eyes with sterile bandages. The eye will open without further action. Do not pull surfaces apart with a direct opposing action. If burns occur, treat as thermal burns. Get medical attention.

### Ingestion

If a large amount is swallowed, get medical attention.

## \*\*\* 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

### Sensitivity to Mechanical Impact

Not sensitive

**Sensitivity to Static Discharge**

Not sensitive

**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.

**Hazardous Combustion Products**

**Combustion:** oxides of carbon

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

**Occupational spill/release**

Collect spilled material in appropriate container for disposal.

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

**Handling Procedures**

Wash thoroughly after handling.

**Storage Procedures**

Store and handle in accordance with all current regulations and standards. Keep separated from incompatible substances.

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

**Component Exposure Limits**

ACGIH, NIOSH, OSHA, and AIHA have not developed exposure limits for any of this product's components.

**Ventilation**

Based on available information, additional ventilation is not required.

**PERSONAL PROTECTIVE EQUIPMENT****Eyes/Face**

Eye protection not required under normal conditions.

**Protective Clothing**

Protective clothing is not required under normal conditions.

**Glove Recommendations**

Protective gloves are not required under normal conditions.

**Respiratory Protection**

No respirator is required under normal conditions of use.

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

<b>Physical State:</b> Solid	<b>Appearance:</b> white, blue, pale blue, solid
<b>Color:</b> white, blue, pale blue	<b>Physical Form:</b> solid

<b>Odor:</b> mild odor	<b>Odor Threshold:</b> Not available
<b>pH:</b> 9.0-10.9	<b>Melting/Freezing Point:</b> 0 °C
<b>Boiling Point:</b> 100 °C	<b>Evaporation Rate:</b> Not available
<b>Vapor Pressure:</b> Not applicable	<b>Vapor Density (air = 1):</b> Not applicable
<b>Density:</b> 8.6-8.8	<b>Specific Gravity (water = 1):</b> 1.03-1.05
<b>Water Solubility:</b> miscible	<b>Coeff. Water/Oil Dist:</b> Not available
<b>Volatility:</b> Not available	

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

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**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**

oxidizing materials

**Hazardous Decomposition**

**Combustion:** oxides of carbon

**Possibility of Hazardous Reactions**

Will not polymerize.

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

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**Component Analysis - LD50/LC50**

The components of this material have been reviewed in various sources and no selected endpoints have been identified.

**RTECS Acute Toxicity (selected)**

The components of this material have been reviewed and RTECS publishes no data as of the date on this document.

**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 no data as of the date on this document.

**Medical Conditions Aggravated by Exposure**

None known.

**Tumorigenic**

No data available for the mixture.

**Mutagenic**

No data available for the mixture.

**Reproductive Effects**

No data available for the mixture.

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

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**Component Analysis - Aquatic Toxicity**

No LOLI ecotoxicity data are available for this product's components.

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

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**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.

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

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

**TDG Information:** No Classification assigned.

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

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**U.S. Federal Regulations**

None of this products components are listed 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), or require an OSHA process safety plan.

**SARA 311/312**

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

**U.S. State Regulations**

None of this product's components are listed on the state lists from CA, MA, MN, NJ or PA.

Not regulated under California Proposition 65

**Canada**

This product has been classified in accordance with the criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

**WHMIS Classification**

Not a Controlled Product under Canada's Workplace Hazardous Material Information System.

**U.S. Inventory (TSCA)**

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

**Component Analysis - Inventory**

No information available

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**\*\*\* Section 16 - OTHER INFORMATION\*\*\***

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**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 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**

SELLER MAKES NO WARRANTY, EXPRESS OR IMPLIED, CONCERNING THE PRODUCT OR THE MERCHANTABILITY OR FITNESS THEREOF FOR ANY PURPOSE, except that the product shall conform to contracted specifications, and that the product does not infringe any valid United States or Canadian patent. No claim of any kind shall be greater in amount than the purchase price of the quantity of product in respect of which damages are claimed. In no event shall Seller be liable for incidental or consequential damages, whether Buyer's claim is based on contract, breach of warranty, negligence or otherwise.

**New MSDS:** 2/23/2011

**MSDS Update:** 1/6/2012