



Material Safety Data Sheet  
**Material Name: ELMER'S STIX-ALL**  
**MSDS ID: 00232979**  
Issue Date: 03/14/11  
Revision 1.0500

**Other Sections**

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

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**Material Name:** ELMER'S STIX-ALL

**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](http://www.elmers.com) or call 1-888-435-6377. To place an order, call 1-800-848-9400.

**Trade Names/Synonyms**

E650; E650A; 60566

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

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**NFPA Ratings:**

**Health: 2 Fire: 1 Reactivity: 0**

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

**EMERGENCY OVERVIEW**

**Physical Form:** paste

**Odor:** vinegar odor

**Major Health Hazards:** harmful if swallowed, skin irritation, eye irritation

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

**Short Term:** irritation

**Long Term:** lung damage

**Skin**

**Short Term:** irritation

**Long Term:** irritation

**Eye**

**Short Term:** irritation

**Long Term:** irritation

### **Ingestion**

**Short Term:** irritation, stomach pain

**Long Term:** irritation

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

CAS	Component	Percent
Not Available	NON-HAZARDOUS SUBSTANCE	>80
68909-20-6	HYDROPHOBIC AMORPHOUS FUMED SILICA	18.1
112945-52-5	SILICA, AMORPHOUS, FUMED	1

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**\*\*\* 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, dry 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.

### **Note to Physicians**

Mineral oil, vegetable oil, or petroleum jelly may help soften the bonding between skin surfaces. For skin contact, consider acetone or nitromethane.

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**\*\*\* 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.

**Hazardous Combustion Products**

**Combustion:** formaldehyde, oxides of carbon, oxides of silicon, silica

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

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**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.

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

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**Handling Procedures**

Wash thoroughly after handling. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated contact with skin or eyes. Avoid ingestion.

**Storage Procedures**

Store and handle in accordance with all current regulations and standards. Store below 90 F. Store in a cool, dry place. Store in a well-ventilated area. See original container for storage recommendations. Keep separated from incompatible substances.

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

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**Component Exposure Limits**

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

**Ventilation**

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

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

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

**Protective Clothing**

Wear appropriate chemical resistant clothing.

**Glove Recommendations**

Wear appropriate chemical resistant gloves.

**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.

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

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<b>Physical State:</b> Liquid	<b>Appearance:</b> translucent, clear
<b>Physical Form:</b> paste	<b>Odor:</b> vinegar odor
<b>Odor Threshold:</b> Not available	<b>pH:</b> Not available
<b>Melting/Freezing Point:</b> Not available	<b>Boiling Point:</b> 220 °C
<b>Flash Point:</b> not flammable	<b>Evaporation Rate:</b> Not available
<b>Vapor Pressure:</b> Not available	<b>Vapor Density (air = 1):</b> Not available
<b>Density:</b> Not available	<b>Specific Gravity (water = 1):</b> 1.09
<b>Water Solubility:</b> insoluble	<b>Coeff. Water/Oil Dist:</b> Not available
<b>Viscosity:</b> Not available	<b>VOC:</b> 40 g/L
<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. Releases acetic acid during first 24 hours of curing.

**Conditions to Avoid**

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

**Materials to Avoid**

acids, alcohols, amines, bases, combustible materials, halogens, metal salts, metals, oxidizing materials

**Hazardous Decomposition**

**Processing/Intended Use:** acetic acid (during first 24 hours of curing)

**Hazardous Decomposition**

**Combustion:** formaldehyde, oxides of carbon, oxides of silicon, silica

**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 the following selected endpoints are published:

**SILICA, AMORPHOUS, FUMED (112945-52-5)**

Oral LD50 Rat 3160 mg/kg

**RTECS Acute Toxicity (selected)**

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

**SILICA, AMORPHOUS, FUMED (112945-52-5)**

**Oral:** 3160 mg/kg Oral Rat LD50

**Acute Toxicity Level****SILICA, AMORPHOUS, FUMED (112945-52-5)**

**Moderately** ingestion

**Toxic:**

**Component Carcinogenicity****SILICA, AMORPHOUS, FUMED (112945-52-5)**

**IARC:** Monograph 68 [1997] (Group 3 (not classifiable))

**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**

eye disorders, respiratory disorders, skin disorders and allergies

**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.

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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\*\*\*****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:** Yes **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, PA, or RI.

Not regulated under California Proposition 65

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

One or more components of this product are not listed.

**Component Analysis - Inventory**

Component	CAS	US	CA
HYDROPHOBIC AMORPHOUS FUMED SILICA	68909-20-6	Yes	DSL
SILICA, AMORPHOUS, FUMED	112945-52-5	No	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 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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