



Safety Data Sheet:
**Material Name: Elmer's Stix-
All**
SDS ID: SDS-61
Issue Date: 2015-06-30
Revision: 1.1

Other Sections

[01](#) [02](#) [03](#) [04](#) [05](#) [06](#) [07](#) [08](#) [09](#) [10](#) [11](#) [12](#) [13](#) [14](#) [15](#) [16](#)

Section 1 - PRODUCT AND COMPANY IDENTIFICATION

Material Name

Elmer's Stix-All

Synonyms

E650; E650A; 60566

Details of the supplier of the safety data sheet

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

Section 2 - HAZARDS IDENTIFICATION

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

Acute Toxicity - Oral - Category 4
Skin Corrosion/Irritation - Category 2
Serious Eye Damage/Eye Irritation - Category 2
Specific Target Organ Toxicity - Single Exposure - Category 2 (systemic toxicity)

GHS Label Elements

Symbol(s)**Signal Word**

Warning

Hazard Statement(s)

Harmful if swallowed

Causes skin irritation

Causes serious eye irritation

May cause damage to organs

Precautionary Statement(s)**Prevention**

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

Do not breathe dust/fume/gas/mist/vapours/spray

Wash thoroughly after handling

Do not eat, drink or smoke when using this product

Response

If exposed or concerned: Call a POISON CENTER or doctor/physician

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

If eye irritation persists: Get medical advice/attention

IF ON SKIN: Wash with plenty of soap and water

If skin irritation occurs: Get medical advice/attention

Take off contaminated clothing and wash before reuse

IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell

Rinse mouth

Call a POISON CENTER or doctor if you feel unwell

Specific treatment (see label)

Storage

Store locked up

Disposal

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

Statement of Unknown Toxicity

98.91% of the mixture consists of ingredient(s) of unknown acute toxicity.

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CAS	Component Name	Percent
68909-20-6	Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)-, hydrolysis products with silica	18.1
112945-52-5	Silica, amorphous, fumed, crystalline-free	1
17689-77-9	Silanetriol, ethyl-, triacetate	2.8
13170-23-5	Acetic acid, dianhydride with silicic acid (H ₄ SiO ₄) bis(1,1-dimethylethyl) ester	1.9
4253-34-3	Silanetriol, methyl-, triacetate	2.8

Section 4 - FIRST AID MEASURES

Description of Necessary Measures

IF exposed or concerned: Call a POISON CENTER or doctor/physician.

Inhalation

Remove person to fresh air and keep comfortable for breathing. If discomfort persists, contact a physician.

Skin

Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. Call a POISON CENTER or doctor.

Eyes

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor.

Ingestion

Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious or convulsive person. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor.

Most Important Symptoms/Effects

Acute

Harmful if swallowed. Causes severe skin burns and eye damage.

Delayed

systemic toxicity effect

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

Slight fire hazard.

Hazardous Combustion Products

formaldehyde, oxides of carbon, oxides of silicon, silica

Advice 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. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas.

Section 6 - ACCIDENTAL RELEASE MEASURES

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. 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.

Section 7 - HANDLING AND STORAGE

Precautions for Safe Handling

Wear protective gloves/protective clothing/eye protection/face protection. Do not breathe dust/fume/gas/mist/vapors/spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product.

Conditions for Safe Storage, Including any Incompatibilities

Store locked up

Store in accordance with all current regulations and standards. Keep away from incompatible materials.

Incompatible Materials

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

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Component Exposure Limits

Silica, amorphous, fumed, crystalline-free	112945-52-5
NIOSH:	6 mg/m ³ TWA (related to Silica, amorphous)
	3000 mg/m ³ IDLH (related to Silica, amorphous)
OSHA (US):	20 mppcf TWA; ((80)/(% SiO ₂)) mg/m ³ TWA (related to Silica, amorphous)
Dibutyltin dilaurate	77-58-7
ACGIH:	0.1 mg/m ³ TWA as Sn (related to Tin organic compounds)
	0.2 mg/m ³ STEL as Sn (related to Tin organic compounds)
	Skin - potential significant contribution to overall exposure by the cutaneous route (related to Tin organic compounds)
NIOSH:	0.1 mg/m ³ TWA (except Cyhexatin) as Sn (related to Tin organic compounds)
	Potential for dermal absorption (related to Tin organic compounds)
	25 mg/m ³ IDLH (except Cyhexatin) as Sn (related to Tin organic compounds)
OSHA (US):	0.1 mg/m ³ TWA as Sn (related to Tin organic compounds)
Mexico:	0.1 mg/m ³ TWA LMPE-PPT as Sn (related to Tin organic compounds)
	0.2 mg/m ³ STEL [LMPE-CT] as Sn (related to Tin organic compounds)

	Skin - potential for cutaneous absorption (related to Tin organic compounds)
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Biological limit value

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

Engineering Controls

Provide local exhaust or process enclosure 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.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	translucent clear	Physical State	liquid
Odor	vinegar odor	Color	Not available
Odor Threshold	Not available	pH	Not available
Melting Point	Not available	Boiling Point	428 °F (220 °C)
Freezing point	Not available	Evaporation Rate	Not available
Boiling Point Range	Not available	Flammability (solid, gas)	Not available
Autoignition	Not available	Flash Point	Not available
Lower Explosive Limit	Not available	Decomposition	Not available
Upper Explosive Limit	Not available	Vapor Pressure	Not available

Vapor Density (air=1)	Not available	Specific Gravity (water=1)	1.09
Water Solubility	insoluble	Partition coefficient: n-octanol/water	Not available
Viscosity	Not available	Solubility (Other)	Not available
Density	Not available	Physical Form	paste
VOC	40 g/L		

Section 10 - STABILITY AND REACTIVITY

Reactivity

No reactivity hazard is expected.

Chemical Stability

Stable at normal temperatures and pressure. Releases acetic acid during first 24 hours of curing.

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

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

Hazardous decomposition products

acetic acid (during first 24 hours of curing).

Thermal decomposition products

formaldehyde, oxides of carbon, oxides of silicon, silica

Section 11 - TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Inhalation

No information on significant adverse effects.

Skin Contact

Causes severe burns.

Eye Contact

Causes severe burns.

Ingestion

Corrosive.

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:

Silica, amorphous, fumed, crystalline-free (112945-52-5)

Oral LD50 Rat 3160 mg/kg

Dermal LD50 Rabbit > 2000 mg/kg (related to Silica, amorphous)

Inhalation LC50 Rat > 2.2 mg/L 1 h (related to Silica, amorphous)

Poly(dimethylsiloxane) (Trade Secret)

Oral LD50 Rat > 24 g/kg

Dibutyltin dilaurate (77-58-7)

Oral LD50 Rat 45 mg/kg

Dermal LD50 Rabbit 630 mg/kg

Silanetriol, methyl-, triacetate (4253-34-3)

Oral LD50 Rat 2060 mg/kg

Immediate Effects

Causes severe skin burns and eye damage.

Delayed Effects

systemic toxicity effect

Irritation/Corrosivity Data

Causes severe skin burns and eye damage.

Respiratory Sensitization

No information on significant adverse effects.

Dermal Sensitization

No information on significant adverse effects.

Component Carcinogenicity

Silica, amorphous, fumed, crystalline-free	112945-52-5
IARC:	Monograph 68 [1997] (Group 3 (not classifiable))
Dibutyltin dilaurate	77-58-7
ACGIH:	A4 - Not Classifiable as a Human Carcinogen (related to Tin organic compounds)

DFG:	Category 4 (no significant contribution to human cancer) (related to Dibutyltin compounds)
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Germ Cell Mutagenicity

No information available for the product.

Tumorigenic Data

No data available

Reproductive Toxicity

No information available for the product.

Specific Target Organ Toxicity - Single Exposure

No target organs identified.

Specific Target Organ Toxicity - Repeated Exposure

systemic toxicity

Aspiration hazard

No information available for the product.

Medical Conditions Aggravated by Exposure

No data available.

Section 12 - ECOLOGICAL INFORMATION

Component Analysis - Aquatic Toxicity

Silica, amorphous, fumed, crystalline-free	112945-52-5
Fish:	LC50 96 h Brachydanio rerio 5000 mg/L [static] (related to Silica, amorphous)
Algae:	EC50 72 h Pseudokirchneriella subcapitata 440 mg/L IUCLID (related to Silica, amorphous)
Invertebrate:	EC50 48 h Ceriodaphnia dubia 7600 mg/L IUCLID (related to Silica, amorphous)

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

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 Section 311/312 (40 CFR 370 Subparts B and C)
Acute Health: Yes **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
Silica, amorphous, fumed, crystalline-free	112945-52-5	Yes	Yes	Yes	Yes	Yes
Dibutyltin dilaurate	77-58-7	Yes	No	Yes	No	No

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

Silica, amorphous, fumed, crystalline-free	112945-52-5
	1 % (related to Silica, amorphous)
Dibutyltin dilaurate	77-58-7
	1 %

Component Analysis - Inventory

Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)-, hydrolysis products with silica (68909-20-6)

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

Silica, amorphous, fumed, crystalline-free (112945-52-5)

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

Poly(dimethylsiloxane) (Trade Secret)

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

Silanetriol, ethyl-, triacetate (17689-77-9)

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

Acetic acid, dianhydride with silicic acid (H₄SiO₄) bis(1,1-dimethylethyl) ester (13170-23-5)

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

Dibutyltin dilaurate (77-58-7)

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

Silanetriol, methyl-, triacetate (4253-34-3)

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

Section 16 - OTHER INFORMATION

NFPA Ratings

Health: 2 Fire: 1 Reactivity: 0

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

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

Disclaimer:

Supplier gives no warranty whatsoever, including the warranties of merchantability or of fitness for a particular purpose. Any product purchased is sold on the assumption the purchaser shall determine the quality and suitability of the product. Supplier expressly disclaims any and all liability for incidental, consequential or any other damages arising out of the use or misuse of this product. No information provided shall be deemed to be a recommendation to use any product in conflict with any existing patent rights.