



Safety Data Sheet

Material Name: Elmer's No-Wrinkle Rubber Cement

SDS ID: SDS-34

Section 1 - PRODUCT AND COMPANY IDENTIFICATION

Material Name

Elmer's No-Wrinkle Rubber Cement

Synonyms

E141; E904; 231, 232, 233, 234, 61518; E63231T; E425; E1539

Chemical Family

Adhesive

Product Use

Adhesive

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

Section 2 - HAZARDS IDENTIFICATION

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

Flammable Liquids - Category 2

Aspiration Hazard - Category 1

Skin Corrosion/Irritation - Category 2

Serious Eye Damage/Eye Irritation - Category 2A

Specific Target Organ Toxicity - Single Exposure - Category 1 (body, central nervous system, kidneys, systemic toxicity)

Specific Target Organ Toxicity - Single Exposure - Category 3

Specific Target Organ Toxicity - Repeated Exposure - Category 2 (Cardiovascular system, liver, spleen, blood)

Hazardous to the Aquatic Environment - Chronic - Category 1



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GHS Label Elements

Symbol(s)



Signal Word

Danger

Hazard Statement(s)

Highly flammable liquid and vapor

May be fatal if swallowed and enters airways

Causes skin irritation

Causes serious eye irritation

Causes damage to organs

May cause respiratory irritation. May cause drowsiness or dizziness

May cause damage to organs through prolonged or repeated exposure

Very toxic to aquatic life with long lasting effects

Precautionary Statement(s)

Prevention

Keep container tightly closed

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

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

Wash thoroughly after handling

Do not eat, drink or smoke when using this product

Avoid release to the environment

Response

In case of fire: Use appropriate media to extinguish

Collect spillage

If exposed: Call a POISON CENTER or doctor/physician

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

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



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If skin irritation occurs: Get medical advice/attention
Wash contaminated clothing before reuse
IF SWALLOWED: Immediately call a POISON CENTER/doctor
Do NOT induce vomiting

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

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CAS	Component Name	Percent
142-82-5	n-Heptane	> 85
67-63-0	Isopropyl alcohol	1-5

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. Call a POISON CENTER or doctor if you feel unwell.

Skin

Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

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.

Ingestion

Immediately call a POISON CENTER or doctor/physician. DO NOT induce vomiting. Aspiration hazard. If vomiting occurs, keep head lower than hips to help prevent aspiration. Aspiration into the lungs may result in pulmonary edema and pneumonitis.



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Most Important Symptoms/Effects

Acute

May be fatal if swallowed and enters airways. May cause respiratory irritation, skin irritation, eye irritation, central nervous system damage, kidney damage, systemic toxicity.

Delayed

central nervous system damage, kidney damage. Cardiovascular system effect, liver effects, spleen damage, blood damage.

Section 5 - FIRE FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Dry chemical, foam or carbon dioxide, water.

Unsuitable Extinguishing Media

None known.

Special Hazards Arising from the Chemical

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

Special Protective Equipment and Precautions for Firefighters

Wear self-contained breathing apparatus with a full facepiece and protective clothing.

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. Do not scatter spilled material with high-pressure water streams. In case of fire and/or explosion do not breathe fumes. Stay upwind and keep out of low areas.

Section 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Keep unnecessary people away, isolate hazard area and deny entry. Do not breath gas/vapor/spray. Avoid contact with skin and eyes. Vapors may cause drowsiness and dizziness. Wear personal protective clothing and equipment, see Section 8.

Methods and Materials for Containment and Cleaning Up

Eliminate all ignition sources if safe to do so. Keep unnecessary people away, isolate hazard area and deny entry. Stay upwind and keep out of low areas. Ventilate closed spaces before entering. Stop leak if possible without personal risk. Reduce vapors with water spray. Ground any equipment used in handling. Do not touch or walk through spilled material. Absorb with earth, sand or other non-combustible material and transfer to container. Use only non-sparking tools. Large spills: Dike for later disposal.



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Environmental Precautions

Prevent entry into waterways, sewers, basements, or confined areas.

Section 7 - HANDLING AND STORAGE

Precautions for Safe Handling

Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapors/spray. Use only with adequate ventilation. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid heat, flames, sparks and other sources of ignition. 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.

Conditions for Safe Storage, Including any Incompatibilities

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

Keep cool

Store locked up

Incompatible Materials

acids. bases. amines. oxidizing materials.

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Component Exposure Limits

n-Heptane	142-82-5
ACGIH:	400 ppm TWA
	500 ppm STEL
NIOSH:	85 ppmTWA; 350 mg/m ³ TWA
	440 ppm Ceiling 15 min; 1800 mg/m ³ Ceiling 15 min
	750 ppmIDLH
Europe:	500 ppm TWA; 2085 mg/m ³ TWA
OSHA (US):	500 ppmTWA; 2000 mg/m ³ TWA
Mexico:	400 ppmTWA LMPE-PPT; 1600 mg/m ³ TWA LMPE-PPT
	500 ppmSTEL [LMPE-CT]; 2000 mg/m ³ STEL [LMPE-CT]
	Skin - potential for cutaneous absorption



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Isopropyl alcohol	67-63-0
ACGIH:	200 ppm TWA
	400 ppm STEL
NIOSH:	400 ppmTWA; 980 mg/m ³ TWA
	500 ppmSTEL; 1225 mg/m ³ STEL
	2000 ppmIDLH (10% LEL)
OSHA (US):	400 ppmTWA; 980 mg/m ³ TWA
Mexico:	400 ppmTWA LMPE-PPT; 980 mg/m ³ TWA LMPE-PPT
	500 ppmSTEL [LMPE-CT]; 1225 mg/m ³ STEL [LMPE-CT]

Biological limit value

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

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Opaque liquid	Physical State	liquid
Odor	mild odor, solvent odor	Color	Not available
Odor Threshold	Not available	pH	Not available
Melting Point	Not available	Boiling Point	90 °C
Freezing point	Not available	Evaporation Rate	<1 (ether =1)
Boiling Point Range	Not available	Flammability (solid, gas)	Not available
Autoignition	Not available	Flash Point	-4 °C TCC
Lower Explosive Limit	Not available	Decomposition	Not available
Upper Explosive Limit	Not available	Vapor Pressure	Not available
Vapor Density (air=1)	>1	Specific Gravity (water=1)	0.71
Water Solubility	almost insoluble	Partition coefficient: n-octanol/water	Not available
Viscosity	Not available	Solubility (Other)	Not available
Density	Not available	Volatility	90 %



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Section 10 - STABILITY AND REACTIVITY

Reactivity

No hazard expected.

Chemical Stability

Stable under normal conditions of use.

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.

Incompatible Materials

Acids, bases, amines, oxidizing materials.

Hazardous decomposition products

oxides of carbon.

Section 11 - TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Inhalation

May cause respiratory irritation.

Skin Contact

Causes skin irritation.

Eye Contact

Causes serious eye irritation.

Ingestion

Aspiration hazard. May be fatal if swallowed.

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:

n-Heptane (142-82-5)

Oral LD50Mouse 5000 mg/kg

Dermal LD50Rabbit 3000 mg/kg

Inhalation LC50Rat 103 g/m³ 4 h

Isopropyl alcohol (67-63-0)

Oral LD50Rat 1870 mg/kg



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Dermal LD50Rabbit 4059 mg/kg
Inhalation LC50Rat 72600 mg/m³ 4 h

Immediate Effects

May cause respiratory irritation, skin irritation, eye irritation. May cause kidney damage, central nervous system damage, systemic toxicity. May be fatal if swallowed.

Delayed Effects

Cardiovascular system Effects, liver effects, spleen effect, blood

Irritation/Corrosivity Data

Causes skin irritation. May cause eye irritation. May cause respiratory irritation.

Respiratory Sensitization

No information available for the product.

Dermal Sensitization

No information available for the product.

Component Carcinogenicity

Isopropyl alcohol	67-63-0
ACGIH:	A4 - Not Classifiable as a Human Carcinogen
IARC:	Monograph 71 [1999]; Supplement 7 [1987]; Monograph 15 [1977](Group 3 (not classifiable))

Germ Cell Mutagenicity

No information available for the product.

Reproductive Toxicity

No information available for the product.

Specific Target Organ Toxicity - Single Exposure

body, central nervous system, kidneys, systemic toxicity.

Specific Target Organ Toxicity - Repeated Exposure

Cardiovascular system, liver, spleen, blood.

Aspiration hazard

May be fatal if swallowed.

Medical Conditions Aggravated by Exposure

No data available.



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Section 12 - ECOLOGICAL INFORMATION

Component Analysis - Aquatic Toxicity

n-Heptane	142-82-5
Fish:	LC50 96 h Cichlid fish 375 mg/L
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

Section 13 - DISPOSAL CONSIDERATIONS

Disposal Methods

Dispose in accordance with all applicable regulations.

Section 14 - TRANSPORT INFORMATION

US DOT Information:

Shipping Name: HEPTANES

Hazard Class: 3

UN/NA #: UN1206

Packing Group: II

Required Label(s): 3

TDG Information:

Shipping Name: HEPTANES

Hazard Class: 3

UN#: UN1206

Packing Group: II



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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.

n-Heptane	142-82-5
TSCA 12b:	Section 4 , 1 % de minimus concentration (related to Hydrocarbons, C>4)
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: Yes **Chronic Health:** Yes **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
n-Heptane	142-82-5	Yes	Yes	Yes	Yes	Yes
Isopropyl alcohol	67-63-0	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.

n-Heptane	142-82-5
	1 %
Isopropyl alcohol	67-63-0
	1 %



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Component Analysis - Inventory

n-Heptane (142-82-5)

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

Isopropyl alcohol (67-63-0)

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

Section 16 - OTHER INFORMATION

HMIS Rating

Health: 2 Fire: 3 Reactivity: 0

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

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



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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.

Disclaimer:

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