



Safety Data Sheet:
**Material Name: Elmer's
Contact Cement**
SDS ID: SDS-35
Issue Date: 2014-12-04
Revision: .

Other Sections

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Section 1 - PRODUCT AND COMPANY IDENTIFICATION

Material Name

Elmer's Contact Cement

Synonyms

E1014; 67014

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
 Reproductive Toxicity - Category 1B
 Specific Target Organ Toxicity - Single Exposure - Category 1 (central nervous system, respiratory system, kidneys, liver)
 Specific Target Organ Toxicity - Single Exposure - Category 2 Oral (nervous system)
 Specific Target Organ Toxicity - Single Exposure - Category 3
 Specific Target Organ Toxicity - Repeated Exposure - Category 1 (central nervous system, Peripheral Nervous System, nervous system, respiratory system)
 Specific Target Organ Toxicity - Repeated Exposure - Category 2 (liver, digestive system, skin, blood, adrenal gland, body weight, brain, thyroid gland, kidneys)
 Hazardous to the Aquatic Environment - Acute - Category 2
 Hazardous to the Aquatic Environment - Chronic - Category 3

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
 May damage fertility or the unborn child
 Causes damage to organs
 May cause damage to organs
 May cause respiratory irritation. May cause drowsiness or dizziness
 Causes damage to organs through prolonged or repeated exposure
 May cause damage to organs through prolonged or repeated exposure
 Toxic to aquatic life
 Harmful to aquatic life with long lasting effects

Precautionary Statement(s)

Prevention

Obtain special instructions before use
 Do not handle until all safety precautions have been read and understood
 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
 If exposed: Call a POISON CENTER or doctor/physician
 If exposed or concerned: Call a POISON CENTER or doctor/physician
 IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing
 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
 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
 Call a POISON CENTER or doctor if you feel unwell
 Specific treatment (see label)

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
78-93-3	Methyl ethyl ketone	21.81
64742-89-8		19.52

	Solvent naphtha, petroleum, light aliphatic	
67-64-1	Acetone	19.11
141-78-6	Ethyl acetate	17.75
1330-20-7	Xylenes (o-, m-, p- isomers)	3.82
7732-18-5	Water	0.24

Section 4 - FIRST AID MEASURES

Description of Necessary Measures

IF exposed or concerned, Get medical advice/attention.

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.

Most Important Symptoms/Effects

Acute

May cause respiratory irritation, eye irritation, skin irritation. central nervous system damage, respiratory system damage, liver damage, kidney damage.

Delayed

May damage the unborn child. central nervous system effects. Peripheral Nervous System Effects. respiratory system effects. liver effects. digestive system blood effects on the brain. adrenal gland kidney effects.

Section 5 - FIRE FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Dry chemical, foam or carbon dioxide, water spray.

Unsuitable Extinguishing Media

None known.

Special Hazards Arising from the Chemical

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

Hazardous Combustion Products

aldehydes, oxides of carbon.

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. Do not scatter spilled material with high-pressure water streams. Dike for later disposal. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas. Wear full protective fire fighting gear including self contained breathing apparatus (SCBA) for protection against possible exposure.

Section 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Wear personal protective clothing and equipment, see Section 8. Keep unnecessary people away, isolate hazard area and deny entry. Do not touch or walk through spilled material.

Methods and Materials for Containment and Cleaning Up

Keep unnecessary people away, isolate hazard area and deny entry. Do not touch or walk through spilled material. Eliminate all sources of ignition. Ground any equipment used in handling. Stop leak if possible without personal risk. Absorb with earth, sand or other non-combustible material and transfer to container. Use non-sparking tools and equipment.

Environmental Precautions

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

Section 7 - HANDLING AND STORAGE

Precautions for Safe Handling

Do not breathe vapor or mist. Do not eat, drink or smoke when using this product. Avoid contact with skin and eyes. Ground any equipment used in handling. Do not cut, puncture, or weld on or near this container. Do not spray on naked flames or any incandescent material. Use only with adequate ventilation. Keep out of reach of children. Keep away from heat/sparks/open flame/hot surfaces - No smoking. 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/clothing and eye/face protection. Wash thoroughly after handling.

Conditions for Safe Storage, Including any Incompatibilities

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

Keep cool

Store locked up

Keep away from sources of ignition. Keep away from incompatible materials.

Incompatible Materials

Acids, alcohol, alkaline materials, strong oxidizing agents.

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Component Exposure Limits

Methyl ethyl ketone	78-93-3
ACGIH:	200 ppm TWA
	300 ppm STEL
NIOSH:	200 ppmTWA; 590 mg/m ³ TWA
	300 ppmSTEL; 885 mg/m ³ STEL
	3000 ppmIDLH
Europe:	200 ppm TWA; 600 mg/m ³ TWA
	300 ppm STEL; 900 mg/m ³ STEL
OSHA (US):	200 ppmTWA; 590 mg/m ³ TWA
Mexico:	200 ppmTWA LMPE-PPT; 590 mg/m ³ TWA LMPE-PPT
	300 ppmSTEL [LMPE-CT]; 885 mg/m ³ STEL [LMPE-CT]
Acetone	67-64-1
ACGIH:	500 ppm TWA
	750 ppm STEL
NIOSH:	250 ppmTWA; 590 mg/m ³ TWA
	2500 ppmIDLH (10% LEL)

Europe:	500 ppm TWA; 1210 mg/m ³ TWA
OSHA (US):	1000 ppmTWA; 2400 mg/m ³ TWA
Mexico:	1000 ppmTWA LMPE-PPT; 2400 mg/m ³ TWA LMPE-PPT
	1260 ppmSTEL [LMPE-CT]; 3000 mg/m ³ STEL [LMPE-CT]
Ethyl acetate	141-78-6
ACGIH:	400 ppm TWA
NIOSH:	400 ppmTWA; 1400 mg/m ³ TWA
	2000 ppmIDLH (10% LEL)
OSHA (US):	400 ppmTWA; 1400 mg/m ³ TWA
Mexico:	400 ppmTWA LMPE-PPT; 1400 mg/m ³ TWA LMPE-PPT
Xylenes (o-, m-, p- isomers)	1330-20-7
ACGIH:	100 ppm TWA
	150 ppm STEL
Europe:	50 ppm TWA (pure); 221 mg/m ³ TWA (pure)
	Possibility of significant uptake through the skin
	100 ppm STEL (pure); 442 mg/m ³ STEL (pure)
OSHA (US):	100 ppmTWA; 435 mg/m ³ TWA
Mexico:	100 ppmTWA LMPE-PPT; 435 mg/m ³ TWA LMPE-PPT
	150 ppmSTEL [LMPE-CT]; 655 mg/m ³ STEL [LMPE-CT]

Biological limit value

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

Engineering Controls

Provide local exhaust 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

A NIOSH approved air-purifying respirator with an appropriate cartridge or canister may be appropriate under certain circumstances where airborne concentrations are expected to exceed exposure limits.

Glove Recommendations

Wear appropriate chemical resistant gloves. neoprene rubber.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	clearColorlessliquid	Physical State	liquid
Odor	Naphtha type	Color	Not available
Odor Threshold	Not available	pH	Not available
Melting Point	Not available	Boiling Point	131 - 281 °F
Freezing point	Not available	Evaporation Rate	slower than n-butyl acetate
Boiling Point Range	Not available	Flammability (solid, gas)	Not available
Autoignition	Not available	Flash Point	1 °F [TCC]
Lower Explosive Limit	1 %	Decomposition	Not available
Upper Explosive Limit	Not available	Vapor Pressure	180 mmmHg
Vapor Density (air=1)	>1	Specific Gravity (water=1)	0.589
Water Solubility	Not available	Partition coefficient: n-octanol/water	Not available
Viscosity	Not available	Solubility (Other)	12.8%
Density	Not available	VOC	5.79 (minus exempt)
Weight per gallon	7.16 lbs		

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, alcohols, alkaline materials, strong oxidizing agents.

Hazardous decomposition products

Aldehydes, 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 and enters airways.

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:

Methyl ethyl ketone (78-93-3)

Oral LD50Rat 2483 mg/kg

Dermal LD50Rabbit 5000 mg/kg

Inhalation LC50Rat 11700 ppm 4 h

Solvent naphtha, petroleum, light aliphatic (64742-89-8)

Oral LD50Mouse 5000 mg/kg

Dermal LD50Rabbit 3000 mg/kg

Acetone (67-64-1)

Inhalation LC50Rat 50100 mg/m³ 8 h

Ethyl acetate (141-78-6)
 Oral LD50Rat 5620 mg/kg
 Dermal LD50Rabbit > 18000 mg/kg
 Inhalation LC50Mouse 1500 ppm 4 h
 Xylenes (o-, m-, p- isomers) (1330-20-7)
 Oral LD50Rat 3500 mg/kg
 Dermal LD50Rabbit > 4350 mg/kg
 Inhalation LC50Rat 29.08 mg/L 4 h
 Water (7732-18-5)
 Oral LD50Rat > 90 mL/kg

Immediate Effects

May be fatal if swallowed and enters airways. May cause respiratory irritation, eye irritation, skin irritation.

Delayed Effects

May damage fertility or the unborn child. May cause peripheral nervous system damage, central nervous system damage, nervous system.

Irritation/Corrosivity Data

May cause respiratory irritation, eye irritation, skin irritation.

Respiratory Sensitization

No information available for the product.

Dermal Sensitization

No information available for the product.

Component Carcinogenicity

Acetone	67-64-1
ACGIH:	A4 - Not Classifiable as a Human Carcinogen
Xylenes (o-, m-, p- isomers)	1330-20-7
ACGIH:	A4 - Not Classifiable as a Human Carcinogen
IARC:	Monograph 71 [1999]; Monograph 47 [1989](Group 3 (not classifiable))

Germ Cell Mutagenicity

No information available for the product.

Reproductive Toxicity

May damage fertility or the unborn child.

Specific Target Organ Toxicity - Single Exposure

central nervous system, respiratory system, kidneys, liver, nervous system. skin,

Specific Target Organ Toxicity - Repeated Exposure

central nervous system, respiratory system, kidneys, liver, nervous system. Peripheral Nervous System, digestive system, blood, adrenal gland, body weight, thyroid gland.

Aspiration hazard

May be fatal if swallowed.

Medical Conditions Aggravated by Exposure

No data available.

Section 12 - ECOLOGICAL INFORMATION

Component Analysis - Aquatic Toxicity

Methyl ethyl ketone	78-93-3
Fish:	LC50 96 h Pimephales promelas 3130 - 3320 mg/L [flow-through]
Invertebrate:	EC50 48 h Daphnia magna >520 mg/L IUCLID; EC50 48 h Daphnia magna 5091 mg/L IUCLID; EC50 48 h Daphnia magna 4025 - 6440 mg/L [static] EPA
Solvent naphtha, petroleum, light aliphatic	64742-89-8
Algae:	EC50 72 h Pseudokirchneriella subcapitata 4700 mg/L IUCLID
Acetone	67-64-1
Fish:	LC50 96 h Oncorhynchus mykiss 4.74 - 6.33 mL/L; LC50 96 h Pimephales promelas 6210 - 8120 mg/L [static]; LC50 96 h Lepomis macrochirus 8300 mg/L
Invertebrate:	EC50 48 h Daphnia magna 10294 - 17704 mg/L [static] EPA; EC50 48 h Daphnia magna 12600 - 12700 mg/L IUCLID
Ethyl acetate	141-78-6
Fish:	LC50 96 h Pimephales promelas 220 - 250 mg/L [flow-through]; LC50 96 h Oncorhynchus mykiss 484 mg/L [flow-through]; LC50 96 h Oncorhynchus mykiss 352 - 500 mg/L [semi-static]
Invertebrate:	EC50 48 h Daphnia magna 560 mg/L [static] EPA
Xylenes (o-, m-, p- isomers)	1330-20-7
Fish:	LC50 96 h Pimephales promelas 13.4 mg/L [flow-through]; LC50 96 h Oncorhynchus mykiss 2.661 - 4.093 mg/L [static]; LC50 96 h Oncorhynchus

	mykiss 13.5 - 17.3 mg/L; LC50 96 h Lepomis macrochirus 13.1 - 16.5 mg/L [flow-through]; LC50 96 h Lepomis macrochirus 19 mg/L; LC50 96 h Lepomis macrochirus 7.711 - 9.591 mg/L [static]; LC50 96 h Pimephales promelas 23.53 - 29.97 mg/L [static]; LC50 96 h Cyprinus carpio 780 mg/L [semi-static]; LC50 96 h Cyprinus carpio >780 mg/L; LC50 96 h Poecilia reticulata 30.26 - 40.75 mg/L [static]
Algae:	EC50 72 h Pseudokirchneriella subcapitata 11 mg/L IUCLID (related to Aromatic hydrocarbons, C7-12, C8-rich)
Invertebrate:	EC50 48 h water flea 3.82 mg/L; LC50 48 h Gammarus lacustris 0.6 mg/L

Section 13 - DISPOSAL CONSIDERATIONS

Disposal Methods

Dispose in accordance with all applicable regulations. Do not puncture container.

Section 14 - TRANSPORT INFORMATION

US DOT Information:

Shipping Name: FLAMMABLE LIQUIDS, N.O.S.

Hazard Class: 3

UN/NA #: UN1993

Packing Group: II

Required Label(s): 3

TDG Information:

Shipping Name: FLAMMABLE LIQUID, N.O.S.

Hazard Class: 3

UN#: UN1993

Packing Group: II

Required Label(s):

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.

Methyl ethyl ketone	78-93-3
CERCLA:	5000 lbfinal RQ; 2270 kgfinal RQ
Acetone	67-64-1

CERCLA:	5000 lbf _{final} RQ; 2270 kg _{final} RQ
Ethyl acetate	141-78-6
CERCLA:	5000 lbf _{final} RQ; 2270 kg _{final} RQ
Xylenes (o-, m-, p-isomers)	1330-20-7
SARA 313:	1 % de minimis concentration
CERCLA:	100 lbf _{final} RQ; 45.4 kg _{final} RQ
TSCA 12b:	Section 4 , 1 % de minimis concentration (related to Hydrocarbons, C>4)

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
Methyl ethyl ketone	78-93-3	Yes	Yes	Yes	Yes	Yes
Acetone	67-64-1	Yes	Yes	Yes	Yes	Yes
Ethyl acetate	141-78-6	Yes	Yes	Yes	Yes	Yes
Xylenes (o-, m-, p- isomers)	1330-20-7	Yes	Yes	Yes	Yes	Yes
Water	7732-18-5	No	No	No	No	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

Methyl ethyl ketone	78-93-3
	1 %
Acetone	67-64-1
	1 %
Ethyl acetate	141-78-6
	1 %

Component Analysis - Inventory

Methyl ethyl ketone (78-93-3)

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

Solvent naphtha, petroleum, light aliphatic (64742-89-8)

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

Acetone (67-64-1)

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

Ethyl acetate (141-78-6)

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

Xylenes (o-, m-, p- isomers) (1330-20-7)

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

Water (7732-18-5)

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

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