



Safety Data Sheet

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This Safety Data Sheet has been prepared in accordance with the Canadian Hazardous Products Regulations.

SECTION 1: Identification

1.1. Product identifier

3M™ SkyRestore™ Gel by Elixair Cured Sealant Remover

Product Identification Numbers

GT-6000-1996-9	GT-6000-1997-7	GT-6000-1998-5	GT-6000-2020-7	GT-6000-2029-8
GT-6000-2030-6	GT-6000-2031-4	UU-0037-1141-1	XZ-0046-0904-0	

1.2. Recommended use and restrictions on use

Intended Use

Sealant remover

Specific Use

Sealant Remover

Restrictions on use

Not applicable

1.3. Supplier's details

Company:	3M Canada Company
Division:	Automotive and Aerospace Solutions Division
Address:	1840 Oxford Street East, Post Office Box 5757, London, Ontario N6A 4T1
Telephone:	(800) 364-3577
Website:	www.3M.ca

1.4. Emergency telephone number

Medical Emergency Telephone: (519) 451-2500, Ext. 2222; Transportation Emergency Telephone (CANUTEC): (613) 996-6666

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Flammable Liquid: Category 3.

Serious Eye Damage/Irritation: Category 1.

Skin Corrosion/Irritation: Category 2.

Skin Sensitizer: Category 1.

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Reproductive Toxicity: Category 1B.

2.2. Label elements

Signal word

Danger

Symbols

Flame | Corrosion | Exclamation mark | Health Hazard |

Pictograms



Hazard statements

Flammable liquid and vapour.

Causes serious eye damage. Causes skin irritation. May cause an allergic skin reaction. May damage fertility or the unborn child.

Precautionary statements

Prevention:

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground and bond container and receiving equipment. Use non-sparking tools. Take action to prevent static discharges. Use explosion-proof electrical/ventilating/lighting equipment. Avoid breathing dust/fume/gas/mist/vapours/spray. Wear protective gloves and eye/face protection. Wash exposed skin thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace.

Response:

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE or doctor/physician. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. In case of fire: Use a fire fighting agent suitable for flammable liquids such as dry chemical or carbon dioxide to extinguish.

Storage:

Store in a well-ventilated place. Keep cool. Store locked up.

Disposal:

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

2.3. Other hazards

None known.

SECTION 3: Composition/information on ingredients

This material is a mixture.

Ingredient	C.A.S. No.	% by Wt	Common Name
METHOXY ACETOXY PROPANE	108-65-6	30 - 65	2-Propanol, 1-methoxy-, acetate
N-METHYL PYRROLIDONE	872-50-4	15 - 40 Trade Secret *	2-Pyrrolidinone, 1-methyl-

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3-BUTOXYPROPAN-2-OL	5131-66-8	5 - 15	2-Propanol, 1-butoxy-
2-AMINOETHENOL	141-43-5	1 - 5 Trade Secret *	Ethanol, 2-amino-
HYDROXYPROPYLCELLULOSE	9004-64-2	1 - 5	Cellulose, 2-hydroxypropyl ether
N-DODECYL MERCAPTAN	112-55-0	1 - 5 Trade Secret *	1-Dodecanethiol

*The actual concentration of this ingredient has been withheld as a trade secret.

SECTION 4: First aid measures**4.1. Description of first aid measures****Inhalation:**

Remove person to fresh air. If you feel unwell, get medical attention.

Skin Contact:

Immediately wash with soap and water. Remove contaminated clothing and wash before reuse. If signs/symptoms develop, get medical attention.

Eye Contact:

Immediately flush with large amounts of water for at least 15 minutes. Remove contact lenses if easy to do. Continue rinsing. Immediately get medical attention.

If Swallowed:

Rinse mouth. If you feel unwell, get medical attention.

4.2. Most important symptoms and effects, both acute and delayed

See Section 11.1. Information on toxicological effects.

4.3. Indication of any immediate medical attention and special treatment required

Not applicable

SECTION 5: Fire-fighting measures**5.1. Suitable extinguishing media**

In case of fire: Use a fire fighting agent suitable for flammable liquids such as dry chemical or carbon dioxide to extinguish.

5.2. Special hazards arising from the substance or mixture

Closed containers exposed to heat from fire may build pressure and explode.

Hazardous Decomposition or By-Products**Substance**

Carbon monoxide
Carbon dioxide
Oxides of Nitrogen
Oxides of Sulfur

Condition

During Combustion
During Combustion
During Combustion
During Combustion

5.3. Special protective actions for fire-fighters**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Evacuate area. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use only non-sparking tools.

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Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapours, in accordance with good industrial hygiene practice. Warning! A motor could be an ignition source and could cause flammable gases or vapours in the spill area to burn or explode. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

6.2. Environmental precautions

Avoid release to the environment. For larger spills, cover drains and build dikes to prevent entry into sewer systems or bodies of water.

6.3. Methods and material for containment and cleaning up

Contain spill. Cover spill area with a fire-extinguishing foam designed for use on solvents, such as alcohols and acetone, that can dissolve in water. An AR - AFFF type foam is recommended. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible using non-sparking tools. Place in a metal container approved for transportation by appropriate authorities. Clean up residue with water. Seal the container. Dispose of collected material as soon as possible in accordance with applicable local/regional/national/international regulations.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe dust/fume/gas/mist/vapours/spray. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wash contaminated clothing before reuse. Avoid contact with oxidizing agents (eg. chlorine, chromic acid etc.) Wear low static or properly grounded shoes. Use personal protective equipment (gloves, respirators, etc.) as required. To minimize the risk of ignition, determine applicable electrical classifications for the process using this product and select specific local exhaust ventilation equipment to avoid flammable vapor accumulation. Ground/bond container and receiving equipment if there is potential for static electricity accumulation during transfer.

7.2. Conditions for safe storage including any incompatibilities

Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store away from heat. Store away from acids. Store away from strong bases. Store away from oxidizing agents.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

If a component is disclosed in section 3 but does not appear in the table below, an occupational exposure limit is not available for the component.

Ingredient	C.A.S. No.	Agency	Limit type	Additional Comments
METHOXY ACETOXY PROPANE	108-65-6	AIHA	TWA:50 ppm	
N-DODECYL MERCAPTAN	112-55-0	ACGIH	TWA:0.1 ppm	Dermal Sensitizer
2-AMINOETHENOL	141-43-5	ACGIH	TWA:3 ppm;STEL:6 ppm	
N-METHYL PYRROLIDONE	872-50-4	AIHA	TWA:40 mg/m3(10 ppm)	SKIN

ACGIH : American Conference of Governmental Industrial Hygienists

AIHA : American Industrial Hygiene Association

CMRG : Chemical Manufacturer's Recommended Guidelines

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

CEIL: Ceiling

8.2. Exposure controls

8.2.1. Engineering controls

Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapours/spray. If ventilation is not adequate, use respiratory protection equipment. Use explosion-proof ventilation equipment.

8.2.2. Personal protective equipment (PPE)

Eye/face protection

Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face protection(s) are recommended:

Full Face Shield

Indirect Vented Goggles

Skin/hand protection

Select and use gloves and/or protective clothing approved to relevant local standards to prevent skin contact based on the results of an exposure assessment. Selection should be based on use factors such as exposure levels, concentration of the substance or mixture, frequency and duration, physical challenges such as temperature extremes, and other use conditions. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible gloves/protective clothing.

Gloves made from the following material(s) are recommended: Butyl Rubber

If this product is used in a manner that presents a higher potential for exposure (eg. spraying, high splash potential etc.), then use of protective coveralls may be necessary. Select and use body protection to prevent contact based on the results of an exposure assessment. The following protective clothing material(s) are recommended: Apron – Butyl rubber

Respiratory protection

An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure:

Half facepiece or full facepiece air-purifying respirator suitable for organic vapors

For questions about suitability for a specific application, consult with your respirator manufacturer.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Specific Physical Form:	Gel
Appearance/Odour	Slight amine odour
Odour threshold	No Data Available
pH	9.5 - 11.5
Melting point/Freezing point	< 0 °C
Boiling point	115 °C
Flash Point	56 °C [Test Method: Open Cup]
Evaporation rate	No Data Available
Flammability (solid, gas)	Not Applicable
Flammable Limits(LEL)	No Data Available
Flammable Limits(UEL)	No Data Available
Vapour Pressure	15,513.2 Pa [@ 37.8 °C]
Vapour Density	No Data Available
Density	0.97 g/ml
Relative density	0.97 [Ref Std: WATER=1]

Water solubility	Complete
Solubility- non-water	<i>No Data Available</i>
Partition coefficient: n-octanol/ water	<i>No Data Available</i>
Autoignition temperature	< 250 °C
Decomposition temperature	<i>No Data Available</i>
Viscosity	16,000 - 22,000 mPa-s
Molecular weight	<i>No Data Available</i>
Volatile Organic Compounds	947.1 g/l

SECTION 10: Stability and reactivity

10.1. Reactivity

This material may be reactive with certain agents under certain conditions - see the remaining headings in this section.

10.2. Chemical stability

Stable.

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

Heat

Sparks and/or flames

Temperatures above the boiling point

10.5. Incompatible materials

Combustibles

Reducing agents

Strong acids

Strong bases

Strong oxidizing agents

10.6. Hazardous decomposition products

<u>Substance</u>	<u>Condition</u>
None known.	

Refer to section 5.2 for hazardous decomposition products during combustion.

SECTION 11: Toxicological information

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labeling, an ingredient may not be available for exposure, or the data may not be relevant to the material as a whole.

11.1. Information on Toxicological effects

Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

Inhalation:

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Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

Skin Contact:

Skin Irritation: Signs/symptoms may include localized redness, swelling, itching, dryness, cracking, blistering, and pain.

Allergic Skin Reaction (non-photo induced): Signs/symptoms may include redness, swelling, blistering, and itching.

Eye Contact:

Corrosive (Eye Burns): Signs/symptoms may include cloudy appearance of the cornea, chemical burns, severe pain, tearing, ulcerations, significantly impaired vision or complete loss of vision.

Ingestion:

Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

Additional Health Effects:

Reproductive/Developmental Toxicity:

Contains a chemical or chemicals which can cause birth defects or other reproductive harm.

Toxicological Data

If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

Acute Toxicity

Name	Route	Species	Value
Overall product	Dermal		No data available; calculated ATE >5,000 mg/kg
Overall product	Inhalation-Vapor(4 hr)		No data available; calculated ATE >50 mg/l
Overall product	Ingestion		No data available; calculated ATE >5,000 mg/kg
METHOXY ACETOXY PROPANE	Dermal	Rabbit	LD50 > 5,000 mg/kg
METHOXY ACETOXY PROPANE	Inhalation-Vapor (4 hours)	Rat	LC50 > 28.8 mg/l
METHOXY ACETOXY PROPANE	Ingestion	Rat	LD50 8,532 mg/kg
N-METHYL PYRROLIDONE	Dermal	Rabbit	LD50 4,000 mg/kg
N-METHYL PYRROLIDONE	Inhalation-Dust/Mist (4 hours)	Rat	LC50 > 5.1 mg/l
N-METHYL PYRROLIDONE	Ingestion	Rat	LD50 4,320 mg/kg
3-BUTOXYPROPAN-2-OL	Dermal	Rat	LD50 > 2,000 mg/kg
3-BUTOXYPROPAN-2-OL	Inhalation-Vapor	Rat	LC50 > 8.5 mg/l
3-BUTOXYPROPAN-2-OL	Ingestion	Rat	LD50 2,124 mg/kg
2-AMINOETHENOL	Inhalation-Vapor	official classification	LC50 estimated to be 10 - 20 mg/l
2-AMINOETHENOL	Dermal	Rabbit	LD50 1,000 mg/kg
2-AMINOETHENOL	Ingestion	Rat	LD50 1,720 mg/kg

ATE = acute toxicity estimate

Skin Corrosion/Irritation

Name	Species	Value
METHOXY ACETOXY PROPANE	Rabbit	No significant irritation
N-METHYL PYRROLIDONE	Rabbit	Minimal irritation
3-BUTOXYPROPAN-2-OL	Rabbit	Mild irritant
2-AMINOETHENOL	Rabbit	Corrosive

Serious Eye Damage/Irritation

Name	Species	Value
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METHOXY ACETOXY PROPANE	Rabbit	Mild irritant
N-METHYL PYRROLIDONE	Rabbit	Severe irritant
3-BUTOXYPROPAN-2-OL	Rabbit	Severe irritant
2-AMINOETHENOL	Rabbit	Corrosive

Skin Sensitization

Name	Species	Value
METHOXY ACETOXY PROPANE	Guinea pig	Not classified
N-METHYL PYRROLIDONE	Human and animal	Not classified
2-AMINOETHENOL	Guinea pig	Not classified

Respiratory Sensitization

For the component/components, either no data are currently available or the data are not sufficient for classification.

Germ Cell Mutagenicity

Name	Route	Value
METHOXY ACETOXY PROPANE	In Vitro	Not mutagenic
N-METHYL PYRROLIDONE	In vivo	Not mutagenic
N-METHYL PYRROLIDONE	In Vitro	Some positive data exist, but the data are not sufficient for classification
2-AMINOETHENOL	In Vitro	Not mutagenic
2-AMINOETHENOL	In vivo	Not mutagenic

Carcinogenicity

Name	Route	Species	Value
N-METHYL PYRROLIDONE	Inhalation	Rat	Not carcinogenic

Reproductive Toxicity**Reproductive and/or Developmental Effects**

Name	Route	Value	Species	Test result	Exposure Duration
METHOXY ACETOXY PROPANE	Ingestion	Not classified for female reproduction	Rat	NOAEL 1,000 mg/kg/day	premating & during gestation
METHOXY ACETOXY PROPANE	Ingestion	Not classified for male reproduction	Rat	NOAEL 1,000 mg/kg/day	premating & during gestation
METHOXY ACETOXY PROPANE	Ingestion	Not classified for development	Rat	NOAEL 1,000 mg/kg/day	premating & during gestation
METHOXY ACETOXY PROPANE	Inhalation	Not classified for development	Rat	NOAEL 21.6 mg/l	during organogenesis
N-METHYL PYRROLIDONE	Inhalation	Not classified for development	Rat	LOAEL 0.68 mg/l	during gestation
N-METHYL PYRROLIDONE	Ingestion	Toxic to female reproduction	Rat	LOAEL 50 mg/kg/day	2 generation
N-METHYL PYRROLIDONE	Ingestion	Toxic to male reproduction	Rat	LOAEL 50 mg/kg/day	2 generation
N-METHYL PYRROLIDONE	Dermal	Toxic to development	Rat	NOAEL 237 mg/kg/day	during organogenesis
N-METHYL PYRROLIDONE	Ingestion	Toxic to development	Rat	NOAEL 160 mg/kg/day	2 generation
2-AMINOETHENOL	Dermal	Not classified for development	Rat	NOAEL 225 mg/kg/day	during organogenesis

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2-AMINOETHENOL	Ingestion	Not classified for development	Rat	NOAEL 616 mg/kg/day	during organogenesis
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Target Organ(s)**Specific Target Organ Toxicity - single exposure**

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
METHOXY ACETOXY PROPANE	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification		NOAEL Not available	
N-METHYL PYRROLIDONE	Inhalation	respiratory irritation	Not classified	Human	NOAEL 0.05 mg/l	8 hours
2-AMINOETHENOL	Inhalation	respiratory irritation	May cause respiratory irritation	Human and animal	NOAEL Not available	

Specific Target Organ Toxicity - repeated exposure

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
METHOXY ACETOXY PROPANE	Inhalation	kidney and/or bladder	Not classified	Rat	NOAEL 16.2 mg/l	9 days
METHOXY ACETOXY PROPANE	Inhalation	olfactory system	Not classified	Mouse	LOAEL 1.62 mg/l	9 days
METHOXY ACETOXY PROPANE	Inhalation	blood	Not classified	Multiple animal species	NOAEL 16.2 mg/l	9 days
METHOXY ACETOXY PROPANE	Ingestion	endocrine system	Not classified	Rat	NOAEL 1,000 mg/kg/day	44 days
N-METHYL PYRROLIDONE	Inhalation	bone marrow immune system respiratory system	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 0.5 mg/l	4 weeks
N-METHYL PYRROLIDONE	Ingestion	endocrine system	Not classified	Rat	NOAEL 250 mg/kg/day	90 days
N-METHYL PYRROLIDONE	Ingestion	kidney and/or bladder	Not classified	Rat	NOAEL 2,060 mg/kg/day	4 weeks
N-METHYL PYRROLIDONE	Ingestion	nervous system	Not classified	Rat	NOAEL 1,057 mg/kg/day	90 days
N-METHYL PYRROLIDONE	Ingestion	hematopoietic system	Not classified	Mouse	NOAEL 300 mg/kg/day	90 days
N-METHYL PYRROLIDONE	Ingestion	liver	Not classified	Mouse	NOAEL 150 mg/kg/day	3 months
2-AMINOETHENOL	Inhalation	liver kidney and/or bladder respiratory system	Not classified	Multiple animal species	NOAEL 0.656 mg/l	5 weeks
2-AMINOETHENOL	Ingestion	hematopoietic system liver kidney and/or bladder respiratory system	Not classified	Rat	NOAEL Not available	

Aspiration Hazard

For the component/components, either no data are currently available or the data are not sufficient for classification.

Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.

SECTION 12: Ecological information

No data available.

SECTION 13: Disposal considerations

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

SECTION 14: Transport Information

For Transport Information, please visit <http://3M.com/Transportinfo> or call 1-800-364-3577 or 651-737-6501.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Global inventory status**

Contact 3M for more information. The components of this material are in compliance with the provisions of the Korea Chemical Control Act. Certain restrictions may apply. Contact the selling division for additional information. The components of this material are in compliance with the provisions of Australia National Industrial Chemical Notification and Assessment Scheme (NICNAS). Certain restrictions may apply. Contact the selling division for additional information. The components of this material are in compliance with the provisions of Japan Chemical Substance Control Law. Certain restrictions may apply. Contact the selling division for additional information. The components of this product are in compliance with the chemical notification requirements of TSCA. This product complies with Measures on Environmental Management of New Chemical Substances. All ingredients are listed on or exempt from on China IECSC inventory.

SECTION 16: Other information

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

Health: 3 Flammability: 2 Instability: 0 Special Hazards: None

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

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