

PROADHESIVE EDGE

SAFETY DATA SHEET

OSHA HCS (29 CFR 1910.1200)

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Chemical Name

Mixture

CAS No.

Mixture

Trade Name

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Product code

EN-6825

Relevant identified uses of the substance or mixture and uses advised against

Identified Use(s)

Mold Release

Uses Advised Against

None

Company Identification

Weaver Leather LLC

P.O. Box 68

Mt. Hope, OH 44660

Telephone

(330) 674-7548

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(330) 674-0184

E-Mail

info@weaverbrands.com

Emergency telephone number

Emergency Phone No.

Transportation Emergency: CHEMTREC 24 hr. 1-800-424-9300 / 1 (703) 527-3887 (Collect calls accepted)

SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

OSHA HCS (29 CFR 1910.1200)

Flam. Aerosol 1; Liquefied gas; Simple Asphyxiant

Label elements

Hazard Symbol



DANGER

Hazard Statement(s)

Extremely flammable aerosol.
Contains gas under pressure; may explode if heated.
May displace oxygen and cause rapid suffocation.

Precautionary Statement(s)

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Do not spray on an open flame or other ignition source.
Do not pierce or burn, even after use.
Wash hands and exposed skin after use.
Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.
Store in a well-ventilated place. Do not use in confined spaces.
Use only outdoors or in a well-ventilated area.
Avoid breathing gas/spray.

Other hazards

Intentional inhalation of gas from the container may be fatal

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredient(s)	% wt. *	CAS No.	Hazard classification
Dimethyl Ether	10-20	115-10-6	Flam. Gas 1: H220 Liquified Gas; H280
1,1-Difluoroethane	10-20	75-37-6	Flam. Gas 1: H220 Liquified Gas; H280 Simple Asphyxiant
Methyl Acetate	15-25	79-20-9	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336
Cyclohexane	15-20	110-82-7	Flam. Liq. 2; H225 Asp. Tox. 1; H304 Skin Irrit. 2; H315 STOT SE 3; H336
Acetone	10 - 20	67-64-1	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336
Styrene-butadiene-divinyl benzene polymer	1-5	26471-45-4	Not classified as dangerous for supply/use.
Styrene-ethylene/Butylene-styrene polymer	1-5	66070-58-4	Not classified as dangerous for supply/use.
Resin acids and Rosin acids,esters with glycerol	15-20	8050-31-5	Not classified as dangerous for supply/use.

Additional Information - None

* The exact percentage withheld as a trade secret in accordance with 29 CFR 1910.1200.

SECTION 4: FIRST AID MEASURES



Description of first aid measures

Inhalation	Move person to fresh air. If breathing is laboured, administer oxygen. If symptoms develop, obtain medical attention. Call a POISON CENTER/doctor if you feel unwell.
Skin Contact	Wash affected skin with soap and water. If symptoms develop, obtain medical attention.
Eye Contact	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. Do not give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed

Liquid contact with skin or eyes may cause frostbite. If exposed or concerned: Get medical attention/advice.

Indication of any immediate medical attention and special treatment needed

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

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SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing media

- Suitable Extinguishing Media
- Unsuitable extinguishing Media

Extinguish with carbon dioxide, dry chemical, foam or waterspray.
Do not use water jet.

Special hazards arising from the substance or mixture

Highly flammable vapour (flash point below 23°C).

Advice for fire-fighters

A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions. Keep containers cool by spraying with water if exposed to fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Take precautionary measures against static discharges. Avoid contact with skin and eyes. Avoid breathing gas/spray.

Environmental precautions

Prevent liquid entering sewers, basements and workpits.

Methods and material for containment and cleaning up

Cover spills with inert absorbent material. Transfer to a container for disposal or recovery.

Reference to other sections

None

Additional Information

None

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Use product in a well-ventilated area only. Avoid contact with skin and eyes.

Conditions for safe storage, including any incompatibilities

-Storage temperature

Store locked up. Store in a well-ventilated place. Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.

-Incompatible materials

This product should be stored away from sources of strong heat or oxidizing chemicals. Materials to avoid: Alkalai or Alkaline Earth Metals (Al, Zn). Keep away from: Acids, bases, and reducing agents.

Specific end use(s)

Mold Release

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

SUBSTANCE.	CAS No.	(8hr TWA)		STEL		Note
		PEL (OSHA)	TLV (ACGIH)	PEL (OSHA)	TLV (ACGIH)	
Acetone	67-64-1	1000 ppm	250 ppm	-----	500 ppm	-----

*Assure minimum oxygen content of work atmosphere.

Recommended monitoring method

NIOSH 1500 (hydrocarbons, B.P. 36 - 216 °C)

Exposure controls

Appropriate engineering controls

Use only with adequate ventilation to keep exposures (airborne levels of dust, fume, vapour etc) below recommended exposure limits.

Personal protection equipment

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Eye/face protection



Wear protective eyewear (goggles, face shield, or safety glasses).

Skin protection (Hand protection/ Other)



Wear suitable gloves if prolonged skin contact is likely (Nitrile rubber)

Respiratory protection



In case of insufficient ventilation, wear suitable respiratory equipment. Check with protective equipment manufacturer's data.

Thermal hazards

Not normally required. Use gloves with insulation for thermal protection, when needed.

Environmental Exposure Controls

None known

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Aerosol spray
Color.	Colourless
Odor	Slightly ethereal
Odor Threshold (ppm)	Not available
pH (Value)	Not available
Melting Point (°C) / Freezing Point (°C)	Not available.
Boiling point/boiling range (°C):	-25 (1,1-Difluoroethane)
Flash Point (°C)	-50, est. (1,1-Difluoroethane)
Evaporation Rate	>1 (Ethyl ether =1) (1,1-Difluoroethane)
Flammability (solid, gas)	Extremely flammable
Explosive Limit Ranges	3.9% - 16.9% v/v (1,1-Difluoroethane)
Vapor pressure (Pascal)	5.3×10^5 @ 21°C (1,1-Difluoroethane)
Vapor Density (Air=1)	2.4 (1,1-Difluoroethane)
Density (g/ml)	Not available.
Solubility (Water)	0.28% @ 21°C (1,1-Difluoroethane)
Solubility (Other)	Not available
Partition Coefficient (n-Octanol/water)	Not available
Auto Ignition Point (°C)	440 (1,1-Difluoroethane)
Decomposition Temperature (°C)	Not available
Kinematic Viscosity (cSt)	Not available
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.
Other information	Not available

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Stable under normal conditions.
Chemical stability	Stable.
Possibility of hazardous reactions	None anticipated.
Conditions to avoid	Avoid contact with heat and ignition sources.
Incompatible materials	Strong oxidising agents
Hazardous decomposition product(s)	None known

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SECTION 11: TOXICOLOGICAL INFORMATION

Exposure routes: Inhalation, Skin Contact, Eye Contact

Substances in preparations / mixtures

1,1 Difluoroethane (CAS# 75-37-6) :

Acute toxicity

Oral: LD50 >5000 mg/kg-bw
Dermal: LD50 >2000 mg/kg-bw
Inhalation: LC50 = 437500 ppm (Vapour), 4-hr. rat

Irritation/Corrosivity

No evidence of irritant effects from normal handling and use.

Sensitisation

It is not a skin sensitiser.

Repeated dose toxicity

Not to be expected.

Carcinogenicity

No evidence of carcinogenicity.

Mutagenicity

Not to be expected.

Toxicity for reproduction

Not to be expected.

Dimethyl ether (CAS# 115-10-6):

Acute toxicity

Inhalation: LC50 : 164000 ppm (gas), 4-hr. rat

Irritation/Corrosivity

Not to be expected

Sensitization

Not to be expected

Repeated dose toxicity

Not to be expected

Carcinogenicity

It is unlikely to present a carcinogenic hazard to man.

Mutagenicity

Not to be expected

Reproductive toxicity

Not to be expected

Acetone (CAS No. 67-64-1)

Acute toxicity

Oral LD50 = 5800 mg/kg (rat)
Dermal LD50 >15800 mg/kg (rabbit)
Inhalation LC50 76 mg/L (4 hour(s)) (rat) - Vapours may cause drowsiness and dizziness.

Irritation / Corrosivity

Causes serious eye irritation. Repeated exposure may cause skin dryness or cracking.

Sensitisation

It is not a skin sensitiser.

Repeated dose toxicity

Oral NOAEL = 900 mg/kg/day (rat) (90-days)
Inhalation NOAEL ≥ 19,000 ppm (rat)

Carcinogenicity

It is unlikely to present a carcinogenic hazard to man.

NTP	IARC	ACGIH	OSHA	NIOSH
No.	No.	No.	No.	No.

Mutagenicity

Negative

Toxicity for reproduction

Negative

Other information

None known.

SECTION 12: ECOLOGICAL INFORMATION

Aquatic toxicity:

Dimethyl ether (CAS# 115-10-6):

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Short term (calculated/estimated)

LC50: 1783.04 mg/l (96 hr) (fish)
LC50: 755.549 mg/l (48hr) (aquatic invertebrates)
EC50: 154.917 mg/l (96 hr) (algae)
Not available.

Long Term

Ecotoxicity

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.

SECTION 14: TRANSPORT INFORMATION

	<u>U.S. DOT</u>	<u>Sea transport (IMDG)</u>	<u>Air transport (ICAO/IATA)</u>
UN number	1950	1950	1950
Proper Shipping Name	Aerosols, flammable	Aerosols, flammable	Aerosols, flammable
Transport hazard class(es)	2.1	2.1	2.1
Packing group	Not applicable	Not applicable	Not applicable
Environmental hazards	None assigned	None assigned	None assigned
Special precautions for user	None assigned	None assigned	None assigned

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture:

TSCA (Toxic Substance Control Act) - Inventory Status: All components listed or polymer exempt.

Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4):

Chemical Name	CAS No.	Typical %wt.	RQ (Pounds)
None	----	----	----

SARA 311/312 - Hazard Categories: See SECTION 2: HAZARDS IDENTIFICATION

SARA 313 - Toxic Chemicals (40 CFR 372):

Chemical Name	CAS No.	Typical %wt.
None	----	----

SARA 302 - Extremely Hazardous Substances(40 CFR 355):

Chemical Name	CAS No.	Typical %wt.	TPQ (pounds)
None	----	----	----

California Proposition 65 List:

Chemical Name	CAS No.	Type of Toxicity
None	-----	-----

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SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.

Date of preparation: February 5, 2025

Hazard Statement(s) and Risk Phrases Listed in: SECTION 2:/ SECTION 3:

Hazard Statement(s)

- H220: Extremely flammable gas.
- H225: Highly flammable liquid and vapor.
- H280: Contains gas under pressure; may explode if heated.
- H304: May be fatal if swallowed and enters airways.
- H315: Causes skin irritation.
- H319: Causes serious eye irritation.
- H336: May cause drowsiness or dizziness.

Training advice: None.

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