

Safety Data Sheet

Leather Firmer

Date issued: 03/08/2019

SECTION 1. PRODUCT IDENTIFIER

1.1 Name of the product: Leather Firmer

1.2 Other means of identification: 18-09-33-1

1.3 Recommended use of the product and restrictions on use: For use as leather stiffening agent.

1.4 Details of the supplier:

Manufacture: Fiebing Company, Inc.
516 South Second Street
Milwaukee WI 53204
Phone: 414 271 5011
CHEMTREC: 1 800 434 9300

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance of mixture

Classification

According to GHS criteria:

Acute Toxicity: Not classified

Flammable liquid: Category 4

Carcinogenicity: Not classified

Eye/Skin Irritation: Category 2

Reproductive toxicity: Category 1

2.2 Label elements



Pictogram:

Signal word: Danger

Hazard Code: H360

H319

Hazard statements: May damage fertility or the unborn child

May causes serious eye irritation

Precaution: P102: Keep out of reach of children

P103: Read label before use

Prevention: P280: Wear protective gloves, eye protection

Response: P303+P361+P353: If on skin, remove immediately all contaminated clothing. Rinse with plenty water.

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P305+P351+P338: If in eye. Rinse cautiously with water for several minutes. Remove contact lenses if present.

P337+P313: If irritation persists. Get medical advice/attention.

Disposal: P501: Dispose of contents and containers in accordance with local, regional and national and international regulation.

SECTION 3. COMPOSITION/ INFORMATION ON INGREDIENTS

3.1. Mixtures

Components	CAS #	Weight %
2 Propanol, 1-Methoxy-	107-96-2	30
Propanol-1,(2-Methoxymethylethoxy)-	34590-94-8	<10
1-Propanol, 2-methoxy-	1569-47-5	0.15

Classifications

SECTION 4. FIRST AID MEASURES

General Advice:

Eye: In case of eye contact, immediately flush eyes with plenty of water. Remove contact Lenses, if worn. Get medical attention if irritation persisted.

Skin: In case of skin contact, wash with soap and water. If irritation is experienced, get Medical attention and removed contaminate/soak clothes.

Ingestion: If swallowed, do not induce vomiting. Never give anything by mouth to an unconscious Person. Get medical advice if you feel unwell.

Inhalation: If breathing is difficult, remove victim to fresh air and get medical attention, when feel Unwell.

SECTION 5. FIREFIGHTING MEASURES

5.1. Extinguishing media:

Foam, carbon dioxide, dry powder, water spray or water fog.

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5.2. Special hazard arising from the substance or mixture:

Toxic gases, may include unlimited oxides of carbon.

5.3. Advice for firefighters:

Wear self-contained respiratory protective device and fully protective suit.

Additional information: No further relevant information available.

SECTION 6. ACCIDENTAL RELEASE MEASURES:

6.1. Personal precautions:

Use personal protective clothing. Breathing protection required. Avoid contact with the eyes, skin and clothes. Do not inhale vapors or mist. If release occurred in closed area, ensure adequate ventilation.

6.2. Environmental precautions:

Prevent leakage of product into water-courses or drainage system by diking with sand or other absorbent materials. Notify respective authorities (occupational safety and hygiene, emergency brigades, environmental brigades and organs of administration).

6.3. Clean up:

Cover up small spillage with non-flammable, neutral absorbent material (sand, soil, sawdust) and collect in an appropriate, closed, labeled waste bin. Clean the contaminated area with water and detergent, and then collect washing for safe disposal. If necessary, obtain help from specialist companies dealing with waste transport and utilization in order to remove the product/absorbent material contaminated with the product.

SECTION 7. HANDLING AND STORAGE

7.1. Handling

Avoid contact with the eye, skin and clothes. Don't use contaminated clothing. Clean or contaminated area with soapy water, and use in a ventilated area.

7.2. Storage

Keep containers tightly closed and store in a dry and well ventilated area. Keep away from incompatible materials. Protect from extreme heat or cold. Keep out of reach of children.

7.3. Specific end use: None available

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SECTION 8. EXPOSURE CONTROL AND PERSONAL PROTECTION EQUIPMENT

8.1. Control parameters

Components	OSHA/ACGIH
Propanol 1.(2-methoxymethylethoxy)	PEL: 600 mg/m ³ STEL: 150 ppm TWA: 100 ppm
2-Propanol, 1-methoxy	STEL: 100 ppm TWA: 50 ppm

8.2. Exposure controls

Appropriate engineering controls:

General ventilation and/or local fume hood in order to maintain hazardous agent concentration in air below acceptable limits. Local fume hood is preferred, since it enables emission control at source and prevents spreading throughout the working area.

Personal protective equipment:

Eye protection:
Safety glasses with side- shields.

Skin protection:
Wear chemical resistant protective gloves (e.g. per butane, butyl rubber), apron and oil-resistant, anti-slippery shoes.

Respiratory protection: Not required under normal conditions of use. In the case of exceeding the acceptable limits or inadequate ventilation use the approved respirator equipped with a suitable filter or filter-absorber.

Thermal hazards: Not applicable

Environmental exposure controls: Consider using precautionary measures in order to protect the area around storage tanks.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

- a) Appearance: Liquid
- b) Odor: Not listed
- c) Odor threshold: No data available
- d) P^H: Not available

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e) Melting point:	Not applicable
f) Freezing point:	No data available
g) Initial boiling point:	No data available
h) Boiling Temp. Range:	Not available
i) Flash Point:	65 Deg. C
j) Evaporation rate:	Not determined
k) Flammability:	Combustible
l) Upper/Lower Flammability Limit:	Not applicable
m) Vapor pressure:	No data available
n) Vapor density:	No data available
o) Relative density:	No data available
p) Solubility:	Soluble in water
q) Partition coefficient n-octanol/ water:	No data available
r) Auto-ignition point:	Product is not self-igniting
s) Decomposition temperature:	No data available
t) Viscosity:	Not available
u) Explosive properties:	Not applicable
v) Oxidizing properties:	Not available
w) Specific gravity:	1.0

9.2. Other information: No data available.

SECTION 10. STABILITY AND REACTIVITY

10.1. Reactivity

No dangerous reaction known under conditions of normal use

10.2. Chemical stability

The substance is stable under normal ambient conditions.

10.3. Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use

10.4. Conditions to avoid:

High temperature, incompatible materials.

10.5. Incompatible materials

Strong oxidizers

10.6. Hazardous decomposition products

May include and are not limited to: oxides of carbon

SECTION 11. TOXICOLOGICAL INFORMATION

Acute health effects:

Eye:	May causes eye irritation. Symptoms may include discomfort, redness, blinking, and tear production.
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Skin: May cause mild skin irritation. Symptoms may include redness and drying of the skin.

Ingestion: May cause stomach distress, nausea or vomiting.

Skin corrosion/irritation:

Classification criteria have not been met based on the available data.

Serious eye damage/irritation:

Causes eye irritation

Respiratory or skin sensitization:

Classification criteria have not been met based on the available data.

Germ cell mutagenicity:

This product is not classified as mutagen.

Carcinogenicity: This product is not classified as carcinogen

Reproductive toxicity: May damage fertility or the unborn child.

STOT – single exposure:

Classification criteria have not been met based on the available data.

STOT – repeated exposure:

Classification criteria have not been met based on the available data.

Aspiration hazard:

Classification criteria have not been met based on the available data

SECTION 12. ECOLOGICAL INFORMATION

12.1. Toxicity:

Acute/Chronic toxicity:

This product not considered to be harmful to aquatic life.

12.2. Persistence and degradability

No data available

12.3. Bio accumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

The substance does not meet PBT or vPvB criteria.

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12.6. Other adverse effects

Not available

SECTION 13. DISPOSAL CONSIDERATIONS

13.1. Waste disposal of substance:

Do not contaminate ponds, waterways or ditches with chemicals. Used container Dispose of in Accordance with federal, state and local regulations.

13.2. Contaminated packaging:

Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14. TRANSPORT INFORMATION

The substance is not a subject to transport regulations on hazardous goods included in ADR (road transport), RID (rail transport), IMDG (marine transport) and ICAO/IATA (air transport).

US DOT: Not regulated as a dangerous goods

14.1. UN number: Not applicable

14.2. UN Proper shipping name: Not applicable

14.3. Transport hazard classes: Not applicable

14.4. Packing group: Not applicable

14.5. Environmental hazards: Not applicable

14.6. Special precautions for users Do not handle until safety precautions have been read and Understood.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not Applicable

SECTION 15. REGULATORY INFORMATION

Federal Regulations:

TSCA (USA): In compliance

SARA Title III (USA)

Section 302: Not listed

Section 304: Not regulated

Section 313: Not regulated

NFPA (USA):

Health: 2

Fire: 1

Reactivity: 0

State regulations:

CA Prop 65: Not regulated

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SECTION 16. OTHER INFORMATION

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Abbreviations and acronyms in the Safety Data Sheet

CAS No. Chemical Abstracts Service Number

TWA: Time weight average.

STEL: Short Term Exposure Limit

vPvB: Very Persistent, very Bio accumulative (substance)

PBT Persistent, bio accumulative, and toxic (substance)

LD50 Dose that will kill 50% of the test animals

LC50 Concentration that will kill 50% of the test animals

STOT Specific Target Organ Toxicity

RID Regulations Concerning the International Carriage of Dangerous Goods by Rail

ADR Agreement on Dangerous Goods by Road

IMDG International Maritime Transport of Dangerous Goods

IATA International Air Transport Association

Advice on training for employees:

Employees who use the product should be trained on risks for health, hygiene, use of individual protection, accident preventive actions, rescue actions, etc.

This SDS is designed only as guidance for safe handling, use, processing, transportation, storage, disposal and release. It is not a considered quality certificate for the product. The user's responsibility to determine the safety, toxicity, and suitability for own use of the product described and assume all responsibility.