

**Section 1: IDENTIFICATION****Product details:****Trade name:** Vitacrilic® Soft Conditioner Liquid**Chemical name:** Ethyl Alcohol Solution**Application of the substance / the preparation:** Manufacture of dental prosthesis**Uses Advised Against:** Non-dental use**Manufacturer/Supplier:**Fricke Dental International, Inc.
165 Roma Jean Parkway
Streamwood, IL 60107 U.S.A.
Telephone: (630) 540-1900**Emergency Information:**

(800)535-5053 (Infotrac)

Section 2: HAZARDS IDENTIFICATION**Hazard classification:**

Flammable liquid and vapor (Category 2)

Eye irritation (Category 2B)

Acute toxicity, Oral (Category 4)

Acute toxicity, Dermal (Category 4)

Acute toxicity, Inhalation (Category 4)

Labeling Pictogram/Symbol:**Signal word:**

Danger

Hazard statement(s)

H225	Highly flammable liquid and vapor.
H303	May be harmful if swallowed.
H315	May cause skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.

Precautionary statement(s)

P202	Do not handle until all safety precautions have been read and understood.
P234	Keep only in original container.
P235+P410	Keep cool. Protect from sunlight.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P264	Wash thoroughly after handling.



Section 2: HAZARDS IDENTIFICATION (Continued...)

P270	Do not eat, drink or smoke when using this product.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330	IF SWALLOWED: Rinse mouth.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313	If exposed or concerned: Get medical advice/attention.
P312	Call a poison center or doctor if you feel unwell.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization:

Description:

Dangerous and Non-Dangerous components:

CAS #	Name	EINECS #	Hazard Classification	%
n/a	Trade Secret	n/a	Non hazardous	> 60%
64-17-5	Ethyl Alcohol	200-578-6	H225 Highly flammable	< 25%
141-78-6	Ethyl Acetate	205-500-4	H225 Highly flammable H315 May cause skin irritation H317 May cause an allergic skin reaction H319 May cause serious eye irritation H336 May cause drowsiness or dizziness	< 15%

Additional Information: The lists that were valid during the creation were used as a basis.

Section 4: FIRST AID MEASURES

Inhalation: Remove to fresh air. Get medical attention if discomfort persists.**Skin:** Immediately wash with water and soap. Rinse thoroughly. If irritation occurs, consult a doctor.**Eye:** Flush with plenty of water for at least 15 minutes. Seek medical advice.**Ingestion:** Rinse mouth out with water.

Section 5: FIRE-FIGHTING MEASURES

Suitable extinguishing agents

CO₂, extinguishing powder, dry chemical, water fog (by trained personnel)

Approx. flammable limit by % volume in air: (Ethyl Acetate)

LEL: 2.0% UEL: 9.0

Special fire-fighting procedures

Treat as burning melted fat. Wear respirator-MSHA/NIOSH approved or equivalent, self-contained breathing apparatus. Use cold water spray to cool containers. Vapors are heavier than air and may travel to the ignition source.

Additional information

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Section 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Avoid breathing dust.

Environmental Precautions: Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Containment and Cleanup: Pick up and arrange disposal without creating dust. Sweep up material to avoid a slipping hazard. Keep airborne particulates at a minimum when cleaning up spills.

Section 7: HANDLING AND STORAGE

Handling

Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/vapor/spray. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes. Keep away from incompatibles such as metals, acids, alkalis.

Storage

Keep in a well ventilated area. Store under 80°F (27°C). Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Provide good local exhaust at processing equipment.

Eye/Face Protection: Safety goggles or chemical splash goggles.

Skin Protection: Wear impervious gloves with consideration to the product and the preparation.

Body Protection: Protective work clothing.

Respiratory Protection: Not required but use the type for Particulates Not Otherwise Classified if needed.

Environmental Exposure:

Components with limit values that require monitoring at the workplace:

64-17-5 Ethyl Alcohol

PEL ()	1900 mg/m ³ , 1000ppm
REL ()	1900 mg/m ³ , 1000ppm
TLV()	1880 mg/m ³ , 1000ppm

141-78-6 Ethyl Acetate

PEL ()	1400 mg/m ³ , 400ppm
REL ()	1400 mg/m ³ , 400ppm
TLV()	1440 mg/m ³ , 400ppm

Trade Secret

PEL (), REL (), TLV ()	None Established
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Additional information: The lists that were valid during the creation were used as a basis.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

General Information

Physical state and appearance	Liquid
Color	Not available
Odor	Acrid fruity odor

Change in Condition



Section 9: PHYSICAL AND CHEMICAL PROPERTIES (Continued...)

Approx. boiling point	120°C
Other	
Vapor Density	Not available
Solubility in water	Insoluble
Percent Volatile	N/A
Evaporation Rate	N/A
Flash Point	12°C (Closed cup)
Approximate Flammable limits in Air, % by Volume (Ethyl Acetate)	Lower limit: 2.2 Upper limit: 9.0

Section 10: STABILITY AND REACTIVITY

Stability

Stable. Stable at room temperature in closed containers under normal storage and handling conditions.

Conditions to Avoid

Heat and ignition sources. Contamination.

Incompatibility

Reducing and oxidizing agents. Material has strong solvent properties and can soften paint or rubber.

Hazardous Decomposition

Can yield CO, CO₂, smoke

Hazardous Polymerization

Will not occur

Section 11: TOXICOLOGICAL INFORMATION

Routes of Entry

Eye contact. Inhalation. Ingestion.

Acute Toxicity**Primary irritant effect:**

On the skin: skin irritation with discomfort or rash

On the eye: mild eye irritation

Inhalation: may cause respiratory tract and mucous membrane irritation

Ingestion: may cause gastrointestinal tract irritation with nausea and vomiting

Section 12: ECOLOGICAL INFORMATION

General Notes

Avoid transfer into the environment. Possibly hazardous short term degradation products are not likely. The product itself and its products of degradation are not toxic.

Section 13: DISPOSAL CONSIDERATIONS

General Notes

Disposal must be completed according to official regulations.

This product contains CAS# 141-78-6, waste number U112 (Ignitable waste)

**Section 14: TRANSPORT INFORMATION**

UN Number: 1993
Proper Shipping Name: Ethyl Alcohol Solution
Hazard Class: 3
Packing Group: II
Label Statement: Flammable liquid

Section 15: REGULATORY INFORMATION**Federal and State Regulations**

SARA Title III, Section 302 (TPQ): None
SARA Title III, Section 302 (RQ): Ethyl Acetate Reportable Quantity (in pounds): 5000
SARA Title III, Section 311-312: Ethyl Alcohol, fire hazard, chronic health hazard
SARA Title III, Section 313: None
TSCA Section 8(b): This product contains chemicals that are on the TSCA List
Massachusetts RTK: Ethyl Alcohol, Ethyl Acetate
New Jersey RTK: Ethyl Alcohol, Ethyl Acetate
Pennsylvania RTK: Ethyl Alcohol, Ethyl Acetate
California RTK: Ethyl Alcohol, Ethyl Acetate
 Substances known to the state of California to cause cancer: NONE
 Substances known to the state of California to cause birth defects or other reproductive harm:
 Ethyl Alcohol in alcoholic beverages
Minnesota RTK: Ethyl Alcohol, Ethyl Acetate

WHMIS (Canada)

Class B-2 Flammable liquid
Class D-2B Material causing other toxic effects

EINECS (Europe)

Hazard Symbols

Xi – Irritant
F – Flammable

Risk Phrases

R11 – Highly Flammable
R36/37/38 – Irritating to eyes, respiratory system and skin
R43 – May cause sensitization by skin contact

Safety Phrases

S2 – Keep out of the reach of children
S24 – Avoid contact with skin
S37 – Wear suitable gloves
S46 – If swallowed, seek medical advice immediately and show this container or label

**Section 15: REGULATORY INFORMATION (Continued...)****HMIS (U.S.A.)**

Health Hazard: 2
Fire Hazard: 3
Reactivity: 0
Personal Protection: H

National Fire Protection Association (U.S.A.)

Health: 2
Flammability: 3
Reactivity: 0
Specific Hazard:

Protective Equipment

Gloves
Lab Coat
Vapor respirator
Be sure to use an approved/certified respirator or equivalent. Wear an appropriate respirator when ventilation is inadequate.
Splash goggles

Section 16: OTHER INFORMATION**References**

Not Available

Other Special Considerations

Not Available

Last Update/Revision Date:	01/02/17
Supersedes/Replaces:	SDS 4016.3
Revised by:	R. Tekstar

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