

# INSTRUCTIONS FOR USING Veneer Softener

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The Q.V.P. Veneer Softener is a solution that can be used to treat crotch or burl veneers to prevent splitting and to make veneers more pliable for curved work. This method can be used instead of the animal glue sizing procedure used in years past.

## Recommended Procedure:

- ! Mix the Veneer Softener with an equal amount of water before use. Full strength is not recommended as the surface will remain tacky.
- ! Apply the solution to the veneers by dipping, spraying or brushing. Make sure the veneer is completely covered with the solution.
- ! Allow the veneer to stand until surface is dry to the touch. This may require from 30 minutes to two hours. Veneer can be used at this point and should be flexible and easily glued with no splitting.
- ! The plasticizing effect only lasts for a couple of days so it is not possible to prepare stock for use several days in advance. **NOTE:** heat can be applied to the veneers for better plasticizing. This can be accomplished by placing one or two veneer sheets between 3/8" hardboard which has been heated. For smaller jobs place veneers between kraft paper (not newspaper, it will stain the veneer) and apply a medium hot iron. The softening process will work with or without the heat application.

**Caution:** This is a combustible liquid. Keep away from flame and all sources of ignition. Provide adequate ventilation at all times to prevent a build-up of vapors. Store in tightly sealed container in a cool and dry place.

## CONDITIONS OF SALE

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**CALL 800 547-5484 with any Questions**  
**Quality VAKuum Products, Inc.** 43 Bradford St. - Concord, MA 01742  
Tel: 978-369-2949 - Fax: 978-369-2928

# (Material Safety Data Sheet)

product name: Veneer Softener

## Read and understand this before using or handling product.

Emergency phone#: (740)763-2886

Product Type: Adhesive Modifier

General product use: veneer plasticizer

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## CHEMICAL HAZARD RATING

Health=2 (moderate)

Fire=2 (moderate)

Reactivity=0 (least)

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## Section One--Hazardous Ingredients

The ingredients listed below have been associated with one or more of the listed immediate and/or delayed(\*) health hazards. Risk of damage and effects depends upon duration and level of exposure. Before using or handling, read and understand the MSDS

<u>Chemical Name</u>	<u>CAS Number</u>
Diethylene Glycol Monoethyl Ether	111-90-0

see footnote C

- OSHA PEL: None Established
- ACGIH TLV: None Established.

Footnote C:As of the date of issuance of this document, this material has not been listed by NTP, IARC or OSHA as a carcinogen.

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## Section Two--Physical Data

- Appearance and odor: Clear, colorless liquid with mild, pleasant odor.
  - Storage life: 1 Year @ 25C (77F)
  - 49CFR 173.150 Comb.lqd.exemption: combustible
  - Boiling Point: 202C(395F)
  - Evaporation Rate: ~0.01 (n-butyl acetate=1)
  - Flash Point: ~91C (196F)
  - Freezing Point: <-70C
  - Autoignition Temperature: Not available
  - Lower explosion limit: 1.2 vol.% @ 182C
  - Upper explosion limit: 23.5 vol.% @ 182C
  - Solubility in water: complete
- Specific Gravity: .98 @ 25C
- Vapor Density: ~4.65
  - Vapor Pressure: .26mm hg @25C
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# Veneer Softener CONT'D.

## Section Three--Immediate Health Hazards

- **Skin absorption:** No hazards known.
  - **Ingestion:** Not expected to be harmful under normal conditions of use
  - **Inhalation:** No hazards known
  - **Skin:** No hazards known
  - **Eyes:** Causes irritation
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## Section Four--Emergency and First Aid procedures

- **Ingestion:** If accidentally swallowed dilute by drinking large quantities of water. Immediately contact poison control center or hospital emergency room for any other additional treatment directions..
  - **Eye contact:** Immediately flush eyes with plenty of water. Call a physician if irritation persists.
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## Section Five--Fire and Explosion Hazards

**Combustible.** Keep away from heat and flame.

In case of fire, use water spray, dry chemical, foam or CO<sub>2</sub>. Use water to keep fire-exposed containers cool.

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## Section Six--Safe Handling and Personal Protection

No special protection necessary.

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## Section Seven--Reactivity Data

Normally Stable as defined in NFPA 704-12(4-3.1).

Hazardous polymerization: May occur

Incompatibilities: Strong oxidizers.

Decomposition products may include: none known

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## Section Eight--Control Measures

Engineering controls: The following exposure control techniques may be used to effectively minimize employee exposure: local exhaust ventilation, enclosed system design, process isolation and remote control in combination with appropriate use of personal protective equipment and prudent work practices. These techniques may not necessarily address all issues pertaining to your operations. We, therefore, recommend that you consult with experts of your choice to determine whether or not your programs are adequate.

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## Section Nine--Spill or Leak and Disposal Procedures

Eliminate all ignition sources.

Large quantities: Enclose with diking material to prevent seepage into natural bodies of water, then consult Custom-Pak Adhesives Inc.

Small quantities: soak up with absorbent material and remove to a chemical disposal area.

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## Section Ten--Waste Disposal

Recover free liquid. Absorb residue and dispose of according to local, state/provincial, and federal requirements.

Empty container: May contain explosive vapors. DO NOT cut, puncture or weld on or nearby.

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## Section Eleven--Storage

- Store in a cool place.
  - Do not store near strong oxidizing chemicals.
  - Store in a tightly closed container.
  - Use with adequate ventilation.
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## Section Twelve--Transportation

Refer to bill of lading for proper DOT description.

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## Section Thirteen--Regulatory and other information

The OSHA Hazard Communication Standard 29 CFR 1910.1200 requires that the information contained on these sheets be made available to your workers. Instruct your workers to handle this product properly.

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Current issue date: August 14, 1995

CB# 06002

# SARA TITLE III SECTION 313 AND 40 CFR PART 372 TOXIC CHEMICAL NOTIFICATION SHEET

## Veneer Softener

This product contains the following toxic chemical(s) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986, and Subpart C-Supplier Notification Requirement of 40 CFR Part 372.

CAS Registry Number  
N230

Chemical Name  
Glycol Ethers

Pct. by weight  
99.00

This Toxic Chemical Notification Sheet must not be detached from the MSDS. Any copying and redistribution of the MSDS shall include copying and redistribution of this notification sheet attached to copies of the MSDS subsequently redistributed.

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