

## 1. IDENTIFICATION

**Product Identifier**

**Product Name** Frame PVA Adhesive

**Other means of identification**

**SDS #** 901-1011, 901-1012, 901-1014, 901-1015, 901-1016

**Recommended use of the chemical and restrictions on use**

**Recommended Use** Adhering wood or medium-density fiberboard (MDF) frame moulding

**SDS Code** SDS0114-1

**Details of the supplier of the safety data sheet**

**Manufacturer Address**

UNIVERSITY PRODUCTS/LINECO  
517 Main Street  
Holyoke, MA 01040, USA  
Telephone: (413) 532-3372

Fax (800) 532-9281 Email: info@lineco.com

## 2. HAZARDS IDENTIFICATION

**Physical State** Viscous liquid

**Classification**

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name        | CAS No      | Weight-%   |
|----------------------|-------------|------------|
| Proprietary filler 1 | Proprietary | 5.0 – 10.0 |
| Acetone              | 67-64-1     | 1.0 – 5.0  |

## 4. FIRST-AID MEASURES

**First Aid Measures**

- General Advice** Provide this SDS to medical personnel for treatment.
- Eye Contact** Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
- Skin Contact** Wash off immediately with plenty of water for at least 15 minutes.

|                   |                                                                                                        |
|-------------------|--------------------------------------------------------------------------------------------------------|
| <b>Inhalation</b> | Remove to fresh air.                                                                                   |
| <b>Ingestion</b>  | Clean mouth with water and drink afterwards plenty of water. Get medical attention if you feel unwell. |

**Most important symptoms and effects**

|                 |                 |
|-----------------|-----------------|
| <b>Symptoms</b> | Not determined. |
|-----------------|-----------------|

**Indication of any immediate medical attention and special treatment needed**

|                           |                        |
|---------------------------|------------------------|
| <b>Notes to Physician</b> | Treat symptomatically. |
|---------------------------|------------------------|

## 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

|                                       |                 |
|---------------------------------------|-----------------|
| <b>Unsuitable Extinguishing Media</b> | Not determined. |
|---------------------------------------|-----------------|

**Specific Hazards Arising from the Chemical**

Not determined.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

|                             |                                                |
|-----------------------------|------------------------------------------------|
| <b>Personal Precautions</b> | Use personal protective equipment as required. |
|-----------------------------|------------------------------------------------|

**Methods and material for containment and cleaning up**

|                                |                                                       |
|--------------------------------|-------------------------------------------------------|
| <b>Methods for Containment</b> | Prevent further leakage or spillage if safe to do so. |
|--------------------------------|-------------------------------------------------------|

|                             |                                                   |
|-----------------------------|---------------------------------------------------|
| <b>Methods for Clean-Up</b> | Keep in suitable, closed containers for disposal. |
|-----------------------------|---------------------------------------------------|

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

|                                |                                                                                                                        |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------|
| <b>Advice on Safe Handling</b> | Handle in accordance with good industrial hygiene and safety practice. Do not breathe dust/fume/gas/mist/vapors/spray. |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------|

**Conditions for safe storage, including any incompatibilities**

|                           |                                                                          |
|---------------------------|--------------------------------------------------------------------------|
| <b>Storage Conditions</b> | Keep containers tightly closed in a dry, cool and well-ventilated place. |
|---------------------------|--------------------------------------------------------------------------|

|                               |                                           |
|-------------------------------|-------------------------------------------|
| <b>Incompatible Materials</b> | None known based on information supplied. |
|-------------------------------|-------------------------------------------|

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**

| Chemical Name        | ACGIH TLV                     | OSHA PEL                                                                                                                                                                                                                                                                                                | NIOSH IDLH                                                   |
|----------------------|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|
| Proprietary filler 1 | TWA: 10 mg/m3                 | TWA: 15 mg/m3 total dust<br>TWA: 5 mg/m3 respirable fraction<br>(vacated) TWA: 15 mg/m3 total Dust<br>(vacated) TWA: 5 mg/m3 respirable fraction                                                                                                                                                        | TWA: 10 mg/m3 total dust<br>TWA: 5 mg/m3 respirable dust     |
| Acetone<br>67-64-1   | STEL: 750 ppm<br>TWA: 500 ppm | TWA: 1000 ppm<br>TWA: 2400 mg/m <sup>3</sup><br>(vacated) TWA: 750 ppm<br>(vacated) TWA: 1800 mg/m <sup>3</sup><br>(vacated) STEL: 2400 mg/m <sup>3</sup><br>The acetone STEL does not apply to the cellulose acetate fiber industry. It is in effect for all other sectors<br>(vacated) STEL: 1000 ppm | IDLH: 2500 ppm<br>TWA: 250 ppm<br>TWA: 590 mg/m <sup>3</sup> |

**Appropriate engineering controls**

**Engineering Controls**      Showers  
                                          Eyewash stations  
                                          Ventilation systems.

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection**      Avoid contact with eyes.

**Skin and Body Protection**      Wear suitable protective clothing.

**Respiratory Protection**      Ensure adequate ventilation, especially in confined areas.

**General Hygiene Considerations**      Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

|                       |                |                       |                  |
|-----------------------|----------------|-----------------------|------------------|
| <b>Physical State</b> | Viscous liquid | <b>Odor</b>           | Mild slight odor |
| <b>Appearance</b>     | White liquid   | <b>Odor Threshold</b> | Not determined   |
| <b>Color</b>          | White          |                       |                  |

| <u>Property</u>              | <u>Values</u>          | <u>Remarks • Method</u> |
|------------------------------|------------------------|-------------------------|
| pH                           | 4.0 - 5.5              |                         |
| Melting Point/Freezing Point | 0 Deg. C ( 32 Deg. F.) |                         |

|                                     |                                   |
|-------------------------------------|-----------------------------------|
| <b>Boiling Point/Boiling Range</b>  | 100 Deg. C. ( 212 Deg. F.)        |
| <b>Flash Point</b>                  | None                              |
| <b>Evaporation Rate</b>             | Slower than ether                 |
| <b>Flammability (Solid, Gas)</b>    | None                              |
| <b>Upper Flammability Limits</b>    | Not determined                    |
| <b>Lower Flammability Limit</b>     | Not determined                    |
| <b>Vapor Pressure</b>               | 17.5mm Hg @ 20 Deg. C. (68 Deg.F) |
| <b>Vapor Density</b>                | 0.62                              |
| <b>Specific Gravity</b>             | ~1.10 (9.0 – 9.40 lbs gal.)       |
| <b>Water Solubility</b>             | Dispersable                       |
| <b>Solubility in other solvents</b> | Not determined                    |
| <b>Partition Coefficient</b>        | Not determined                    |
| <b>Auto-ignition Temperature</b>    | Not determined                    |
| <b>Decomposition Temperature</b>    | Not determined                    |
| <b>Kinematic Viscosity</b>          | 6,500 – 7,000 cps                 |
| <b>Dynamic Viscosity</b>            | 5,500 – 8,000 cps                 |
| <b>Explosive Properties</b>         | Not determined                    |
| <b>Oxidizing Properties</b>         | Not determined                    |

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical Stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

### Conditions to Avoid

Keep out of reach of children.

### Incompatible Materials

None known based on information supplied.

### Hazardous Decomposition Products

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

|                     |                              |
|---------------------|------------------------------|
| <b>Eye Contact</b>  | Avoid contact with eyes.     |
| <b>Skin Contact</b> | Avoid contact with skin.     |
| <b>Inhalation</b>   | Do not inhale.               |
| <b>Ingestion</b>    | May be harmful if swallowed. |

### Component Information

| Chemical Name      | Oral LD50            | Dermal LD50 | Inhalation LC50 |
|--------------------|----------------------|-------------|-----------------|
| Water<br>7732-18-5 | >90 mL/kg (Rat)      |             |                 |
| Acetone<br>67-64-1 | = 5800 mg/kg ( Rat ) | -           | -               |

**Information on physical, chemical and toxicological effects**

**Symptoms** Please see section 4 of this SDS for symptoms.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Carcinogenicity** This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

**STOT - repeated exposure** May cause damage to organs through prolonged or repeated exposure.

**Numerical measures of toxicity**

Not determined

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**Component Information**

| Chemical Name      | Algae/aquatic plants | Fish                                                                                                                                                              | Toxicity to microorganisms | Crustacea                                                                                         |
|--------------------|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------------------------------------------------------------------------|
| Acetone<br>67-64-1 |                      | 4.74 - 6.33: 96 h<br>Oncorhynchus mykiss mL/L<br>LC50 6210 - 8120: 96 h<br>Pimephales promelas mg/L<br>LC50 static 8300: 96 h<br>Lepomis macrochirus mg/L<br>LC50 | EC50 = 14500 mg/L 15 min   | 10294 - 17704: 48 h Daphnia magna mg/L EC50 Static<br>12600 - 12700: 48 h Daphnia magna mg/L EC50 |

**Persistence/Degradability**

Not determined.

**Bioaccumulation**

Not determined.

**Mobility**

| Chemical Name      | Partition Coefficient |
|--------------------|-----------------------|
| Acetone<br>67-64-1 | -0.24                 |

**Other Adverse Effects**

Not determined

**13. DISPOSAL CONSIDERATIONS****Waste Treatment Methods**

**Disposal of Wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging** Disposal should be in accordance with applicable regional, national and local laws and regulations.

| Chemical Name      | RCRA | RCRA - Basis for Listing          | RCRA - D Series Wastes | RCRA - U Series Wastes |
|--------------------|------|-----------------------------------|------------------------|------------------------|
| Acetone<br>67-64-1 |      | Included in waste stream:<br>F039 |                        | U002                   |

**California Hazardous Waste Status** This product contains one or more substances that are listed with the State of California as a hazardous waste

| Chemical Name      | California Hazardous Waste Status |
|--------------------|-----------------------------------|
| Acetone<br>67-64-1 | Ignitable                         |

**14. TRANSPORT INFORMATION**

**Note** Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

**DOT** Not regulated

**IATA** Not regulated

**IMDG** Not regulated

**15. REGULATORY INFORMATION**

**International Inventories**

| Chemical Name        | TSCA   | DSL | NDSL | EINECS  | ELINCS | ENCS    | IECSC | KECL    | PICCS | AICS |
|----------------------|--------|-----|------|---------|--------|---------|-------|---------|-------|------|
| Proprietary filler 1 | ACTIVE | X   | X    | X       | X      | X       | X     | X       | X     | X    |
| Acetone              | ACTIVE | X   |      | Present |        | Present | X     | Present | X     | X    |

**Legend:**

- TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*
- DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List*
- EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*
- ENCS - Japan Existing and New Chemical Substances*
- IECSC - China Inventory of Existing Chemical Substances*
- KECL - Korean Existing and Evaluated Chemical Substances*
- PICCS - Philippines Inventory of Chemicals and Chemical Substances*
- AICS - Australian Inventory of Chemical Substances*

**US Federal Regulations**

**CERCLA**

| Chemical Name      | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ)                   |
|--------------------|--------------------------|----------------|--------------------------------------------|
| Acetone<br>67-64-1 | 5000 lb                  |                | RQ 5000 lb final RQ<br>RQ 2270 kg final RQ |

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

| Chemical Name        | New Jersey | Massachusetts | Pennsylvania |
|----------------------|------------|---------------|--------------|
| Proprietary filler 1 |            | X             | X            |
| Acetone<br>67-64-1   | X          | X             | X            |

**16. OTHER INFORMATION**

|             |                                  |                                |                               |                                   |
|-------------|----------------------------------|--------------------------------|-------------------------------|-----------------------------------|
| <u>NFPA</u> | Health Hazards<br>Not determined | Flammability<br>Not determined | Instability<br>Not determined | Special Hazards<br>Not determined |
| <u>HMIS</u> | Health Hazards<br>1              | Flammability<br>0              | Physical Hazards<br>0         | Personal Protection<br>B          |

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 Revision Note: New format

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**