

Safety Data Sheet

Vacuum Pressing System Inc

Issue Date: 01-June-2015

Revision Date: 07-Oct-2015

Version 2

1 IDENTIFICATION

Product Identifier

Product Name Unibond One Water-based adhesive

Other means of identification

SDS # UBO

Recommended use of the chemical and restrictions on use

Recommended Use Adhesive.

Details of the supplier of the safety data sheet

Manufacturer Address
Vacuum Pressing Systems Inc.
553 River Rd.
Brunswick, ME 04011

Emergency Telephone Number

Company Phone Number Phone: 1-207-725-0935
Emergency Telephone (24 Hr) Chemtrec 1-800-424-9300

2 HAZARDS IDENTIFICATION

Physical State Viscous liquid

Classification

No reportable quantities of hazardous ingredients known to company

Hazards Not Otherwise Classified

(HNOC) May be harmful if swallowed

Other Hazards

Not determined

3 COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixture Mixture

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

First Aid Measures

General Advice	Provide this SDS to medical person net 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 soap & water.
Inhalation	Remove to fresh air.
Ingestion	Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provider with this SDS.

Most important symptoms and effects

Symptoms	Not determined.
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Indication of any immediate medical attention and special treatment needed

Notes to Physician	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

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

Unsuitable Extinguishing Media None

Specific Hazards Arising from the Chemical

Not determined.

Specific hazards during fire fighting. Cool closed containers exposed to fire with water spray.

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.

Further Information This product is an aqueous mixture that will not burn. Dried adhesive film will burn in a fire.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions	Use personal protective equipment as required.
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Methods and material for containment and cleaning up

Methods for Containment	Soak up with inert absorbent material. (e.g. sand, silica gel, acid binder, universal binder, sawdust).
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Methods for Clean-Up	Keep in suitable, closed containers for disposal. Prevent product from entering drains.
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7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practice

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible Materials None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

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 Wearsuitable 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

Physical State	Viscous liquid	Odor	Mild sweet odor
Appearance	Brown-colored liquid	Odor Threshold	Not determined
Color	Brown	<u>Remarks •Method</u>	
<u>Property</u>	<u>Values</u>		
pH	4.0-5.5		
Melting Point/Freezing Point	0 C. (32 F.)		
Boiling Point/Boiling Range	100 C (212F)		
Flash Point	None		
Evaporation Rate	Slower than n-butyl Acetate		
Flammability (Solid, Gas)	Not determined		
Upper Flammability Limits	Not determined		
Lower Flammability Limit	Not determined		
Vapor Pressure	17.5 mm Hg @ 20C. (68F.)		
Vapor Density	0.62		
Density	9.5 - 9.7 lb/gl		
Water Solubility	Dispersable		

Solubility in other solvents	Not determined
Partition Coefficient	Not determined
Auto-ignition Temperature	Not determined
Decomposition Temperature	Not determined
Kinematic Viscosity	5,000—7,000 cps
Dynamic Viscosity	4,000—8,000 cps
Explosive Properties	Not determined
Solid Content % by weight	42.0-46.0%

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

This product is chemically stable.

Possibility of Hazardous

Reactions None under normal processing.

Hazardous Decomposition

Products Stable under normal conditions.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product:
Acute oral toxicity

Acute toxicity estimate : >5,000 mg/kg
Method: Calculation

Acute toxicity estimate : > 5,000 mg/kg
Method: Calculation

Acute dermal toxicity:

Skin corrosion/irritation

No data available

Serious eye damage/eye irritation

No data available

Respiratory or skin sensitization

No data available

Aspiration toxicity

No data available

Reproductive toxicity

No data available

Carcinogenicity

No data available

12. ECOLOGICAL INFORMATION

Ecotoxicity

No data available

Persistence/Degradability

Not determined.

Bioaccumulation

Not determined.

Mobility

No data available

Other Adverse

Effects Not determined

13. DISPOSAL CONSIDERATIONS

Disposal of Wastes

To the best of our knowledge, this product does not meet the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261. Solidify and dispose of in an approved landfill. Consult state, local or provincial authorities for more restrictive requirements.

The hazard and precautionary statements displayed on the label also apply to any residues left in the container

Special precautions for user

Not dangerous goods

DOT

Not regulated

IATA

Not regulated

International Regulation

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied

14. TRANSPORT INFORMATION

Special precautions for user Not dangerous goods

DOT Not regulated

IATA Not regulated

15. REGULATORY INFORMATION

SARA 311/312 Hazards No SARA Hazards

SARA 302 No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313

Section 313 of Title II I 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

Clean Air Act This product does not contain any hazardous air pollutants (HAPS), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61)

US State Regulations

California Proposition

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This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

U.S. State Right-to-Know Regulations

The ingredients of this product are reported in the following inventories:

TSCA	On TSCA inventory
DSL	All components of this product are on the Canadian DSL
REACH	In compliance with the inventory
AICS	Not in compliance with the inventory
NZIoC	Not in compliance with the inventory
ENCS	Not in compliance with the inventory
KECI	Not in compliance with the inventory
PICCS	Not in compliance with the inventory
IECSC	Not in compliance with the inventory
TWINV	Not in compliance with the inventory

Inventory Legend TSCA (USA) DSL (Canada) REACH (Europe) A ICS (Australia), NZIoC9 New Zealand), ENCS (Japan), KECI (Korea), PICCS (Philippines), IECSC (china), TWINV (Taiwan)

16. OTHER INFORMATION

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

Revision Date: 07-Oct-2015
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