

BOSTIK 33 LV ADHESIVE
Version 1

Revision Date 01-Jun-2017
Supersedes Date: 01-Jun-2017

Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product Identifier

Product Name BOSTIK 33 LV ADHESIVE
Pure substance/mixture mixture

1.2. Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Recommended use Adhesives.
Uses Advised Against No information available.

1.3. Details of the Supplier of the Safety Data Sheet

Company Name Bostik New Zealand Limited 19 Eastern Hutt Road Wingate, Lower Hutt, New Zealand Tel: 04-567 5119 Fax: 04-567 5412	Bostik Australia Pty Ltd 51-71 High street, Thomastown Victoria Australia Tel: 613 9279-9333 Fax: 613 9279-9342 24-hr Emergency: 1800 033 111
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1.4. Emergency Telephone Number

Emergency Telephone 24 Hr: 0800 243 622
Poison Centre : 0800 764 766

E-mail address SDS.AP@Bostik.com

Section 2: HAZARD IDENTIFICATION

2.1. Classification of the Substance or Mixture

Not a dangerous substance or mixture according to the Globally Harmonised System (GHS)

ERMA Group Not applicable

2.2. Label Elements

Not a dangerous substance or mixture according to the Globally Harmonised System (GHS)

Signal Word None

Precautionary Statements - Prevention

P264 - Wash hands thoroughly after handling
P281 - Use personal protective equipment as required

Precautionary Statements - Response

P314 - Get medical advice/attention if you feel unwell

Skin

P303 + P361 + P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

EYES

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

Precautionary Statements - Storage

P401 - Store in a well-ventilated place. Keep container tightly closed

Precautionary Statements - Disposal

P501 - Dispose of contents/containers in accordance with local regulations

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2.3. Other Hazards

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable

3.2 Mixtures

Not a dangerous substance or mixture according to the Globally Harmonised System (GHS)

Chemical Name	CAS No.	Weight-%
Vinyl acetate	108-05-4	0.1- <1

*** Any remaining ingredients are not hazardous

Section 4: FIRST AID MEASURES

4.1. Description of First Aid Measures

Inhalation	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Skin Contact	Wash off immediately with plenty of water for at least 15 minutes. In the case of skin irritation or allergic reactions see a physician.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Do not rub affected area. If eye irritation persists: Get medical advice/attention.
Ingestion	Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.
Self-protection of the First Aider	Use personal protective equipment as required.

4.2. Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms None known.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

Note to physicians Treat symptomatically.

4.4. Reference to Other Sections

Reference to Other Sections Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION. Section 11: TOXICOLOGY INFORMATION.

Section 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media Water spray (fog). Carbon dioxide (CO₂). Foam. Dry chemical. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media No information available.

5.2. Special Hazards Arising from the Substance or Mixture

Specific Hazards Arising from the Chemical Thermal decomposition can lead to release of irritating and toxic gases and vapors.

Hazardous Combustion Products Carbon monoxide. Carbon dioxide (CO₂). Hydrocarbons.

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5.3. Advice for Firefighters

Special Protective Equipment for Fire-fighters Wear self-contained breathing apparatus and protective suit.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions Evacuate personnel to safe areas. Use personal protection recommended in Section 8.

6.2. Environmental Precautions

Environmental Precautions Keep people away from and upwind of spill/leak.

6.3. Methods and Material for Containment and Cleaning up

Methods for Containment Stop leak if you can do it without risk.

Methods for Cleaning up Take up mechanically, placing in appropriate containers for disposal.

6.4. Reference to other sections

Reference to Other Sections Section 7: HANDLING AND STORAGE
Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION
Section 13: DISPOSAL CONSIDERATIONS

Section 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Advice on Safe Handling Avoid contact with skin, eyes or clothing. Wash hands thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice. Do not reuse container.

7.2. Conditions for Safe Storage, including any Incompatibilities

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

Storage Conditions Keep from freezing. Keep containers tightly closed in a cool, well-ventilated place. Protect from moisture.

Incompatible Materials No information available

7.3. Specific End Use(s)

Other Information No information available.

7.4. References to Other Sections

Reference to Other Sections Section 13: DISPOSAL CONSIDERATIONS. Section 10: STABILITY AND REACTIVITY.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

Exposure Limits

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

Chemical Name	New Zealand	Australia	European Union
Vinyl acetate 108-05-4	TWA: 10 ppm TWA: 35 mg/m ³ STEL: 20 ppm	10 ppm 35 mg/m ³ 20 ppm STEL	TWA: 5ppm TWA: 17.6mg/m ³ STEL: 10ppm

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	STEL: 70 mg/m ³	70 mg/m ³ STEL	STEL: 35.2mg/m ³
Chemical Name	ACGIH TLV	NIOSH IDLH	OSHA PEL
Vinyl acetate 108-05-4	STEL: 15 ppm TWA: 10 ppm	Ceiling: 4 ppm 15 min Ceiling: 15 mg/m ³ 15 min	-

Derived No Effect Level (DNEL) No information available

Predicted No Effect Concentration (PNEC) No information available

Other Information No information available

8.2. Exposure Controls

Engineering Controls Use with local exhaust ventilation. Ensure adequate ventilation, especially in confined areas. Use explosion-proof ventilating equipment.

PPE - Personal Protection Equipment

Eye/Face Protection Wear safety glasses with side shields (or goggles).
Skin and Body Protection Wear suitable protective clothing. No special technical protective measures are necessary under normal conditions.
Hand Protection Wear suitable chemical resistant gloves. The selection of suitable gloves does not only depend on the material, but also on further marks of quality and various manufacturers.
Respiratory Protection No protective equipment is needed under normal use conditions. Respiratory protection required in insufficiently ventilated working areas and during spraying. An air-fed mask, or for short periods of work, a combination of professional filter is recommended.
General Hygiene Considerations Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Avoid contact with skin, eyes or clothing. Take off contaminated clothing and wash before reuse.

Environmental Exposure Controls No information available.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Appearance Medium viscosity Emulsion
Color White
Odor Slight Acrid
Odor Threshold No information available

Property	Values	Remarks • Method
pH	4.5 - 6.5	
Melting Point/Freezing Point	No information available	
Boiling Point	approx 100 °C / 212 °F	
Flash Point	No information available	Not applicable
Evaporation Rate	No information available	
Flammability (solid, gas)	No information available	Not applicable for liquids
Flammability Limit in Air		Not applicable
Upper Flammability Limit	No information available	
Lower Flammability Limit	No information available	
Vapor Pressure	No information available	
Vapor Density	No information available	
Relative Density	No information available	
Water Solubility	Miscible in water	
Solubility in Other Solvents	No information available	
Partition Coefficient	No information available	
Autoignition Temperature	No information available	
Decomposition Temperature	No information available	
Kinematic Viscosity	No information available	
Dynamic Viscosity	No information available	

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Explosive Properties No information available
Oxidizing Properties No information available

9.2. Other Information

Softening Point No information available
Molecular Weight No information available
Solvent Content (%) No information available
Solid Content (%) >= 60
Density 1.07 g/cm³
Bulk Density No information available
VOC <= 3 g/L

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

Reactivity None under normal use conditions.

10.2. Chemical Stability

Stability Stable under normal conditions

10.3. Possibility of Hazardous Reactions

Possibility of Hazardous Reactions None under normal processing.

Hazardous Polymerization None known.

10.4. Conditions to Avoid

Conditions to Avoid Extremes of temperature and direct sunlight. Keep from freezing. Protect from moisture.

10.5. Incompatible Materials

Incompatible Materials No information available.

10.6. Hazardous Decomposition Products

Hazardous Decomposition Products Carbon monoxide. Carbon dioxide (CO₂). Hydrocarbons.

Section 11: TOXICOLOGY INFORMATION

11.1. Information on Toxicological Effects

Acute Toxicity

Product Information Product does not present an acute toxicity hazard based on known or supplied information.

Inhalation No Data Available.
Eye contact No Data Available.
Skin Contact No Data Available.
Ingestion No Data Available.

Numerical measures of toxicity

Unknown acute toxicity

0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
0 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

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Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Vinyl acetate 108-05-4	= 2900 mg/kg (Rat)	= 2335 mg/kg (Rabbit)	= 11400 mg/m ³ (Rat) 4 h = 11.4 mg/L (Rat) 4 h

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Skin Corrosion/Irritation	No information available.
Serious Eye Damage/Eye Irritation	No information available.
Sensitization	No information available.
Germ Cell Mutagenicity	No information available.
Reproductive Toxicity	No information available.
STOT - Single Exposure	No information available.
STOT - Repeated Exposure	No information available.
Target Organ Effects	No information available.
Aspiration Hazard	No information available.
Carcinogenicity	The following substance(s) are classified in Annex VI CLP (1272/2008) as carcinogenic.

Chemical Name	IARC	China	Japan
Vinyl acetate	Group 2B	-	Group 2B

IARC (International Agency for Research on Cancer) *Group 2B - Possibly Carcinogenic to Humans*

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecotoxicity

Product Information

None known.

Component Information

Data obtained on the component(s) include

Chemical Name	Algae/Aquatic Plants	Fish	Crustacea
Vinyl acetate 108-05-4	-	LC50 96 h 15.04 - 21.54 mg/L (Lepomis macrochirus static) LC50 96 h = 14 mg/L (Pimephales promelas static) LC50 96 h 26.1 - 36.63 mg/L (Poecilia reticulata static)	EC50 24 h = 52 mg/L (Daphnia magna)

12.2. Persistence and Degradability

No information available.

12.3. Bioaccumulative Potential

No information available.

12.4. Mobility in Soil

No information available.

12.5. Results of PBT and vPvB Assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

12.6. Other Adverse Effects

No information available.

Endocrine Disruptor Information

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Chemical Name	EU - Endocrine Disruptors Candidate List	EU - Endocrine Disruptors - Evaluated Substances	Endocrine disrupting potential
Vinyl acetate	Group III Chemical	-	-

Section 13: DISPOSAL CONSIDERATIONS

13.1. Waste Treatment Methods

Waste from Residues/Unused Products 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.

Section 14: TRANSPORTATION INFORMATION

IMDG Not regulated

IATA Not regulated

ADR Not regulated

Section 15: REGULATORY INFORMATION

National Regulations

Section 16: OTHER INFORMATION

Key or Legend to Abbreviations and Acronyms Used in the Safety Data Sheet

No information available

Key Literature References and Sources for Data

No information available

Prepared By Product Safety & Regulatory Affairs

Revision Date 01-Jun-2017

Revision Note Not applicable.

Training Advice No information available

Disclaimer

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End of Safety Data Sheet