

Bostik Clear Gel Adhesive

SAFETY DATA SHEET

1. IDENTIFICATION

1.1. Product identifier

Product name Bostik Clear Gel Adhesive

Chemical family Nitrile rubber solution

1.2. Intended use of the product

All-purpose clear non-drip adhesive for use in the home, office and school

1.3. Name, address, and telephone of the responsible party

Company Permoseal (PTY) Ltd

Address 1 Beverley Close, Montague Gardens, 7441, Cape Town, South Africa

Phone +27-21-555-7400

Toll-free No. 0800-222-400

Website www.bostik.co.za

1.4. Emergency phone number

+27-21-555-7400

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

GHS Classification This product is hazardous

2.2. Label elements

GHS Labelling

- This product is classified and labelled according to the CLP regulation.
- Hazard pictogram:



GHS02



GHS07

2.3. Signal word

Danger

2.4. Hazard determining components of labelling:

Acetone, Methyl Ethyl Ketone

2.5. Hazard statements:

H225 Highly flammable liquid and vapour

H315 Causes skin irritation

H319 Causes serious eye irritation

H335 May cause respiratory irritation

H371 May cause damage to organs

H336 May cause drowsiness or dizziness

2.6. Precautionary statements:

P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P280	Wear protective gloves / eye protection.
P273	Avoid release to the environment.
P201	Obtain special instructions before use.
P308+P313	If exposed or concerned: get medical advice/attention.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray
P305+P351+P338	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

2.7. Other Hazards

No further data available

a. Unknown acute toxicity

No data available

3. COMPOSITION / INFORMATION ON INGREDIENTS

Mixture. This product is hazardous.

Ingredient	CAS No.	Contents (%)	Classification of Substance
Acetone	67-64-1	50 - 70	Flam liq.: Cat 2 Eye Irritation: Cat 2 STOT SE: Cat 3
Methyl Ethyl Ketone	78-93-1	5 - 15	Flam liq.: Cat 2 Eye irritation: Cat 2 STOT SE: Cat 3

4. FIRST- AID MEASURES

4.1. Description of first aid measures

General	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice.
Inhalation	Move to fresh air and seek medical attention if nausea and dizziness persists. Aspiration into lungs may lead to pneumonitis.
Skin contact	Wash skin with mild soap and water. Remove contaminated clothes and shoes. Seek medical attention.
Eye contact	Remove any contact lenses from the eyes before rinsing thoroughly with plenty of water (lift eye lids). Rinse for at least 15 minutes. Seek medical attention if any discomfort continues.
Ingestion	Rinse mouth. Do not induce vomiting. Get the affected person to drink a lot of water in small gulps. Obtain medical attention.

4.2. Most important symptoms and effects both acute and delayed

General	May cause irritation.
Inhalation	May cause irritation to the respiratory system. Prolonged inhalation may cause headaches, drowsiness and fatigue. High concentrations of vapours are anaesthetic in nature causing central nervous system effects such as dizziness and confusion.
Skin contact	May cause skin irritation – Prolonged contact can cause defatting and drying of the skin which may result in a burning sensation and a dried, cracked appearance. Repeated exposure may lead to dermatitis.
Eye contact	May cause eye irritation – can cause redness, tearing and blurred vision due to corneal clouding.
Ingestion	Hazardous – may be fatal if swallowed.

4.3. Indication of any immediate medical attention and special treatment needed

Note to physicians	Treat symptomatically
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5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media	Water spray, dry chemical powder, foam, carbon dioxide
Unsuitable ext.media	Not applicable

5.2. Special hazards arising from the substance or mixture

Fire hazard	Highly flammable
Explosion hazard	Solvent vapour may form explosive mixtures with air

5.3. Advice for firefighters

Firefighting instructions	Exercise caution when fighting any chemical fire.
Protection during firefighting	Firefighters should wear full protective gear. Do not enter fire area without proper protective equipment, including respiratory protection.
Hazardous combustion products	Under certain conditions of combustion, traces of toxic substances cannot be excluded.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

General measures	Do not get in eyes or skin, or on clothing.
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6.2. For non-emergency personnel

Protective equipment	Use appropriate personal protection equipment (PPE)
Emergency procedures	Evacuate unnecessary personnel.

6.3. For emergency personnel

Protective equipment	Use appropriate personal protection equipment (PPE)
Emergency procedures	Secure the area and evacuate unnecessary personnel.

6.4. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

6.5. Methods and materials for containment and cleaning up

For containment	Absorb and or contain spill with inert material.
Methods for cleaning up	If recovery is not feasible, absorb with inert material. Place in a container suitable for disposal. Dispose of in accordance with current local legislation.

6.6. Reference to other sections

Refer to Section 8, Exposure controls and personal protection

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Handling temperature	Normal ambient temperature
Hygiene measures	Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating or drinking.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	Store in a dry, cool and well-ventilated place away from heat, sparks, open flames and any other ignition sources. Keep container closed when not in use.
Incompatible materials	Strong oxidizing agents
Maximum storage period	12 months, but may vary depending on storage conditions.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1. Control parameters

Exposure limits:

Name	TWA - 8 hrs	STEL - 15 min
Acetone	750ppm	1500ppm
Methyl Ethyl Ketone	200ppm	300ppm

8.2. Exposure controls

Engineering controls	Provide good ventilation when handling large quantities. No special measures are required if stored and handled as above. Ventilation must be explosive proof.
Personal protective equipment	Use appropriate personal protection equipment (PPE).
Eye protection	Normally not needed for domestic use. Industrial uses require safety glasses.
Skin and body protection	Use protective gloves and aprons to prevent contact. Generally latex or nitrile gloves would provide sufficient protection.
Respiratory protection	Not required under normal conditions of use in a well-ventilated space. Use NIOSH approved respirator if there is potential to exceed exposure limits.
Other information	When using, do not eat or drink.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear gel
Odour	Aromatic
Density (g/cm ³ @20°C)	Approximately 0.85
Flash point (°C)	Approximately -18
Boiling point (°C)	Approximately 56
Flammability limits (%)	2.0 – 13.3
Solubility water	Insoluble
Solubility solvent	Soluble in esters, ketones and methanol

10. STABILITY AND REACTIVITY

Reactivity	Prolonged exposure to air will result in solvent evaporation and gelation of product.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	Not expected under normal conditions.
Conditions to avoid	Avoid temperature extremes, open flames, sparks or other possible ignition sources.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	Thermal decomposition may release carbon dioxide, carbon monoxide, smoke and fumes.

11. TOXICOLOGICAL INFORMATION

The toxicological properties of this product have not been fully investigated. Please refer to section 4 for information regarding health effects.

12. ECOLOGICAL INFORMATION

This product has not been tested for environmental effects. However, the ingredients indicate that it is dangerous to the environment. Please refer to section 6 for information regarding accidental release.

13. DISPOSABLE CONSIDERATIONS

Sewage disposal recommendations	Do not dispose waste into sewer.
Waste disposal recommendations	Whatever cannot be saved for recovery or recycling should be disposed of in accordance with current local legislation

14. TRANSPORT INFORMATION

14.1 UN Number

- ADR, ADN, IMDG, IATA UN 1133

14.2 UN Proper Shipping Name

- ADR/AND, IMDG, IATA Flammable liquid, N.O.S.

14.3 Transport hazard class

- ADR, ADN, IMDG, IATA LABEL



- CLASS 3 Flammable liquids

14.4 Packing group

- ADR, ADN, IMDG, IATA III

14.5 Environmental hazards

- **Marine pollutant (IMDG), Special marking (ADR/AND), Special marking (IATA)**
Contamination of the aquatic or terrestrial environments should be avoided.

15. REGULATORY INFORMATION

15.1 Labelling Classified as a hazardous product

15.2 National legislation None

16. OTHER INFORMATION

16.1 Information sources

This SDS is prepared based on the information received from the suppliers

16.2 Full text of H-phrases referred to under Section 3

H225	Highly flammable liquid and vapour
H315	Causes skin irritation
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H371	May cause damage to organs
H336	May cause drowsiness or dizziness

16.3 Additional information

This document has been prepared in accordance with the SDS requirements of SANS 11014:2010

For intended use and applications see the Technical Data Sheet for the product. The information provided in this Safety Data Sheet is based on the present state of our knowledge. This data is intended to enable safety assessments to be made and should not be construed as guaranteeing specific properties. Recipients of our product must take responsibility for observing existing laws and regulations.

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