

Bostik Art & Craft Sprayable Adhesive

SAFETY DATA SHEET

1. IDENTIFICATION

1.1. Product identifier

Product name Bostik Art & Craft Sprayable Adhesive

Chemical family Synthetic rubber based adhesive

1.2. Intended use of the product

Fast setting, clear, repositionable or permanent bond ideal for hobbies and school projects

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



GHS04



GHS08

2.3. Signal word Danger

2.4. Hazard determining components of labelling:

Light aliphatic naphtha petroleum solvent, Toluene, Acetone, n-Hexane, Propane

2.5. Hazard statements:

H225 Highly flammable liquid and vapour
H220 Extremely flammable aerosol
H280 Contains gas under pressure, may explode if heated
H315 Causes skin irritation
H319 Causes serious eye irritation
H335 May cause respiratory irritation
H336 May cause drowsiness or dizziness
H411 Toxic to aquatic life with long lasting effects

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.
P271	Use only outdoors or in well-ventilated area
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

Contains synthetic rubber and resin which may cause an allergic skin reaction

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	10 - 30	Flam liq.: Cat 2 Eye Irritation: Cat 2 STOT SE: Cat 3
Light aliphatic petroleum solvent	64742-89-8	30 - 50	Asp. Tox. : Cat 1 Carc. : Cat 1B Muta. : Cat 1B
Toluene	108-88-3	10 - 30	Asp. Tox. : Cat 1 Flam liq.: Cat 2 Reprod. : Cat 2 STOT RE: Cat 2 Skin Irrit.: Cat 2 STOT SE: Cat 3
n-Hexane	110-54-3	<1	Flam liq.: Cat 2 Eye Irritation: Cat 2 Reprod. : Cat 2 STOT SE: Cat 3 STOT RE: Cat 2 Asp Tox. : Cat 1 Aquatic Chronic: Cat 2
Propane	74-98-6	10 - 30	Flam gas: Cat 1

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 cause asphyxia and narcosis.
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	Product is explosive.

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. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded.
Incompatible materials	Strong oxidizing agents
Maximum storage period	24 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	500ppm, 1185 mg/m ³	1000ppm, 2375 mg/m ³
Light aliphatic petroleum solvent	100ppm	-
Toluene	50ppm, 191 mg/m ³	150ppm, 574 mg/m ³
Propane	1000ppm, 1800 mg/m ³	-
n-Hexane	20ppm, 72 mg/m ³	-

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. PVC rubber 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	Aerosol, light/pale colour
Odour	Aromatic
Density (g/cm ³ @20°C)	Approximately 0.84
Flash point (°C)	< 10
Boiling point (°C)	61
Solubility water	Insoluble
Solubility solvent	Soluble in esters, ketones and methanol

10. STABILITY AND REACTIVITY

Reactivity	None expected under normal conditions of use.
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.

Acute effects:

Inhalation: Drowsiness, dizziness, disorientation and vertigo

Skin contact: Prolonged contact may cause dryness of the skin

Eye contact: Irritating to the eyes

Chronic effects:

Repeated inhalation or skin exposure to n-hexane has been noted to cause peripheral neuropathy in exposed individuals. Both sensory and motor nerve damage has been documented with long term exposures >500ppm.

12. ECOLOGICAL INFORMATION

This product has not been tested for environmental effects. However, the ingredients indicate that it is dangerous to the environment. May cause long term adverse effects in the aquatic environment. Contamination of the terrestrial and aquatic environments should be avoided.

Persistence/degradability: Readily biodegradable.

Mobility: Floats on water. Adsorbs to soil and has low mobility.

Bioaccumulation: Has the potential to bio accumulate.

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

14.3 Transport hazard class

- ADR, ADN, IMDG, IATA LABEL



- CLASS 3 Flammable liquids

14.4 Packing group

- ADR, ADN, IMDG, IATA II

14.5 Environmental hazards

- Marine pollutant (IMDG), Special marking (ADR/AND), Special marking (IATA)



15. REGULATORY INFORMATION

15.1 Labelling Classified as a hazardous product

15.2 National legislation None

