



ALCOLIN FILLA FOAM

SAFETY DATA SHEET

1. IDENTIFICATION

1.1. Product identifier

Product name Alcolin Filla Foam
Chemical family Polyurethane foam adhesive

1.2. Intended use of the product

1K Polyurethane foam for filling, fixing and sealing gaps

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

Company: Bostik South Africa (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.alcolin.com

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



GHS09



GHS08

2.3. Signal word

Danger

2.4. Hazard determining components of labelling:

Diphenylmethanediisocyanate, tris(2-chlorisopropyl)-phosphate, chlorinated paraffins C14-C17, propane, butane, isobutene, dimethyl ether

2.5. Hazard statements:

H220 Extremely flammable gas
H223 Flammable aerosol
H225 Highly flammable liquid and vapour
H280 Contains gas under pressure; may explode if heated
H315 Causes skin irritation
H317 May cause an allergic skin reaction

H319	Causes serious eye irritation
H362	May cause harm to breast-fed children
H351	Suspected of causing cancer
H332	Harmful if inhaled
H373	May cause damage to organs through prolonged or repeated exposure
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
H413	May cause long lasting harmful effects to aquatic life

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.
P251	Pressurised container. Do not pierce or burn, even after use
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

Do not pierce or burn, even after use. Do not expose to temperatures exceeding 50°C.

2.8. Unknown acute toxicity

No data available

3. COMPOSITION / INFORMATION ON INGREDIENTS

Mixture. This product is hazardous.

Ingredient	CAS No.	Contents (%)	Classification of Substance
Diphenylmethanediisocyanate, Isomers and homologues	9016-87-9	30 - 60	Resp. sens.: Cat 1 Carc.: Cat 2 STOT RE: Cat 2 Acute tox.: Cat 4 Skin irrit.: Cat 2 Eye irrit.: Cat 2 Skin sens.: Cat 1 STOT SE: Cat 3
Tris(2-chloroisopropyl)-phosphate	13674-84-5	< 25	Acute tox.: Cat 4
Chlorinated paraffins C14-C17	85535-85-9	< 20	Aquatic acute: Cat 1 Aquatic chronic: Cat 1 Lact.
Butane	106-97-8	< 15	Flam gas: Cat 1 Press. Gas: Cat C
Isobutane	75-28-5	< 15	Flam gas: Cat 1 Press. Gas: Cat C
Propane	74-98-6	< 15	Flam gas: Cat 1 Press. Gas: Cat C
Dimethyl ether	115-10-6	< 10	Flam gas: Cat 1 Press. Gas: Cat C

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.
Skin contact	Remove uncured foam using a piece of cloth and an aggressive solvent e.g. Ethanol. Wash skin with mild soap and water. Cured foam can be removed mechanically with the use of a brush, soap and plenty of water. Seek medical attention if irritation persists.
Eye contact	Rinse cautiously with water for 15 minutes. Remove any contact lenses if present and easy to do. Continue rinsing. 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 anesthetic in nature causing central nervous system effects such as dizziness and confusion.
Skin contact	May cause skin irritation.
Eye contact	May cause eye irritation.
Ingestion	May be harmful 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 can 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. Do not expose to temperatures exceeding 50°C. Protect against electrostatic charges. Keep container closed when not in use.
Incompatible materials Acids, alkalis, reducing agents and 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 for components:

Ingredient	TWA - 8 hrs	STEL - 15 min
Diphenylmethanediisocyanate	0.02 mg/m ³	0.07 mg/m ³
Butane	600 ppm, 1450 mg/m ³	750 ppm, 1810 mg/m ³
Dimethyl ether	400 ppm, 766 mg/m ³	500 ppm, 958 mg/m ³
Propane	1000ppm, 1800 mg/m ³	-

8.2. Exposure controls

Engineering controls Not required under normal conditions of use in a well-ventilated space.
Personal protective equipment Use appropriate personal protection equipment (PPE).
Eye protection Safety glasses
Skin and body protection Use protective latex or nitrile gloves to prevent contact.
Respiratory protection Not required under normal conditions of use in a well-ventilated space. In case of intensive or longer exposure use self-contained respiratory protective device.
Other information When using, do not eat or drink.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Aerosol, beige foam
Odour Characteristic
Density (g/cm³ @ 20°C) Approximately 1.3 (PMDI)
Flash point (°C) < 0
Explosion limits (Vol %) Lower: 1.5; Upper: 11.0
Solubility water Insoluble
Solubility solvent acetone, alcohol

10. STABILITY AND REACTIVITY

Reactivity	Reacts with water
Chemical stability	Stable under normal conditions
Possibility of hazardous reactions	None expected under normal conditions
Conditions to avoid	Open flames, sparks or other possible ignition sources.
Incompatible materials	Acids, alkalis, reducing agents and oxidizing agents
Hazardous decomposition products	Thermal decomposition may release carbon dioxide, carbon monoxide and fumes.

11. TOXICOLOGICAL INFORMATION

This product has not undergone any toxicological testing. Acute and chronic health effects are not expected as long as good hygiene and safety precautions are followed.

11.1. Acute toxicity: Irritant on skin, mucous membrane and eyes

Ingredient	Route of Exposure	Result/Effect	Species/Test System
Tris(2-chlorisopropyl)-phosphate	Oral	LD ₅₀ : >2000 mg/kg	Rat
	Dermal	LD ₅₀ : >2000 mg/kg	
	Inhalation	LC _{50/ 4h} : >0.5 mg/l	
Methylenediphenyl diisocyanate	Oral	LD ₅₀ : 9200 mg/kg	Rat
	Inhalation	LD _{50/ 4h} : 178 mg/l	

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. Please refer to section 6 for information regarding accidental release.

12.1. Aquatic toxicity:

Ingredient	Species/ test system	Result/Effect
Chlorinated paraffins C14 - C17	Algae Toxicity	72hr EC ₅₀ : >1000 mg/l
	Daphnia Toxicity	48hr EC ₅₀ : >1000 mg/l
Tris(2-chlorisopropyl)-phosphate	Algae Toxicity	EC ₅₀ : 47 mg/kg

12.2. General notes:

Water hazard class 1 (German regulation): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13. DISPOSAL 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 1950

14.2. UN Proper Shipping Name

- **ADR/AND, IMDG, IATA** Aerosols, flammable

14.3. Transport hazard class

- **ADR, ADN, IMDG, IATA LABEL**



- **CLASS** 2 Flammable gas

14.4. Packing group

- ADR, ADN, IMDG, IATA 2.1

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

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

H220	Extremely flammable gas
H223	Flammable aerosol
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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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