



ALCOLIN CONTACT A651

SAFETY DATA SHEET

1. IDENTIFICATION

1.1. Product identifier

Product name Alcolin Contact A651
Chemical family Neoprene/Chloroprene based adhesive

1.2. Intended use of the product

A multi-purpose brush grade contact adhesive

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

Company: Permoséal (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

GHS08

GHS09

2.3. Signal word

Danger

2.4. Hazard determining components of labelling:

Light aliphatic petroleum solvent, Toluene, Ethyl Acetate, n-Hexane, Acetone

2.5. Hazard statements:

H304 May be fatal if swallowed and enters airways
H225 Highly flammable liquid and vapour
H315 Causes skin irritation
H319 Causes serious eye irritation
H361d Suspected of damaging the unborn child
H335 May cause respiratory irritation

H373 May cause damage to organs through prolonged or repeated exposure
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.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray
P308+P313 If exposed or concerned: get medical advice/attention.
P302+P352 If on skin: Wash with plenty of soap and water
P333+P313 If skin irritation or rash occurs: Seek medical attention
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P403+233: Store in a well ventilated place. Keep container tightly closed
P501 Dispose of contents/containers in accordance with national regulations

2.7. Other Hazards

Contains synthetic rubber and phenolic resin which may cause an allergic skin reaction. Gross or prolonged exposure may cause depression of the central nervous system.

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
Acetone	67-64-1	2 - 5	Flam liq.: Cat 2 Eye irrit.: Cat 2 STOT SE: Cat 3
Light aliphatic petroleum solvent	64742-89-8	32 - 36	Asp. tox.: Cat 1 Carc.: Cat 1B Muta.: Cat 1B
Toluene	108-88-3	28 - 32	Asp. tox.: Cat 1 Flam liq.: Cat 2 Reprod.: Cat 2 STOT RE: Cat 2 Skin irrit.: Cat 2 STOT SE: Cat 3
Ethyl acetate	141-78-6	8 - 12	Flam liq.: Cat 2 Eye irrit.: Cat 2 STOT SE: Cat 3
n-Hexane	110-54-3	4 - 8	Flam liq.: Cat 2 Eye irrit.: Cat 2 Reprod.: Cat 2 STOT SE: Cat 3 STOT RE: Cat 2 Asp tox.: Cat 1 Aquatic Chron.: Cat 2
Benzene	71-43-2	<0.1	Asp. tox.: Cat 1 Carc.: Cat 1A Muta.: Cat 1B STOT RE: Cat 1 Flam liq.: Cat 2 Eye irrit.: Cat 2 Skin irrit.: Cat 2

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. 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 – 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	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	Dry chemical powder, foam, carbon dioxide or sand
Unsuitable ext. media	Do not use a water spray

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:

Ingredient	TWA - 8 hrs	STEL - 15 min
Acetone	500ppm, 1210 mg/m ³	1500ppm, 3620 mg/m ³
Light aliphatic petroleum solvent	100ppm; 525 mg/m ³	-
Toluene	50ppm, 5 mg/m ³	10 mg/m ³
Ethyl acetate	400ppm; 1400 mg/m ³	-

8.2. Exposure controls

Engineering controls Not required under normal conditions of use in a well-ventilated space. Explosive-proof ventilation equipment with local exhaust is desirable.
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. Approved respiratory equipment must be worn when airborne concentrations are unknown or exceed the recommended exposure limit.
Other information When using, do not eat or drink.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Translucent yellow viscous liquid
Odour Mild
Density (g/cm³ @ 20°C) Approximately 0.85
Flash point (°C) < 0
Flammability Flammable
Boiling point (°C) 61
Solubility water Insoluble

10. STABILITY AND REACTIVITY

Reactivity None expected under normal conditions
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. Prolonged exposure to air will result in solvent evaporation and gelation of the product.
Incompatible materials Strong oxidizing agents.
Hazardous decomposition products Thermal decomposition may release carbon dioxide, carbon monoxide, smoke 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: May be harmful if swallowed and enters airways. May cause respiratory irritation.

Ingredient	Route of Exposure	Species/Test System	Result/Effect
Aromatic solvent blend	Oral Dermal Inhalation	Rat Rabbit Rat	LD ₅₀ : <2000 mg/kg LD ₅₀ : >2000 mg/kg LC ₅₀ : <10mg/l
Acetone	Oral Dermal	Rat Rabbit	LD ₅₀ : 5800 mg/kg LD ₅₀ : 20000 mg/kg

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.

12.1. Further ecological information

Ingredient	Species/ test system	Result/Effect
Aromatic solvent blend	Fish Toxicity Daphnia Toxicity	96hrs LC/EC ₅₀ (Salmon): 8.1 mg/l 48hrs LC/EC ₅₀ (Daphnia magna): 6 mg/l 8hrs LC/EC ₅₀ (Green algae): 9.4 mg/l

German regulation: Water hazard class 2. Hazardous for water. Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground.

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 Adhesive containing a 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)



