



SAFETY DATA SHEET

Revision date 18-Jul-2024

Revision Number 1

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product identifier

Product Name BOSTIK ART & CRAFT SCHOOL GLUE

Other means of identification

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended use Adhesive

Restrictions on use No information available

Supplier's details

Supplier

Bostik South Africa
1 Beverley Close
Montague Gardens
Cape Town
South Africa
7441
Tel: +27 21 555 7400

Non-Emergency Telephone Number +27 21 555 7400

E-mail address psra.za@bostik.com

Emergency telephone number

Emergency Telephone Tel: +27 21 555 7400

Restrictions on emergency number 8am - 5pm (Monday - Friday)

SECTION 2: Hazards identification

Classification of the substance or mixture

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

GHS Label elements, including precautionary statements

Hazard statements

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

Other hazards which do not result in classification

Harmful to aquatic life.

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SECTION 3: Composition/information on ingredients

Substance

Not applicable

Mixture

| Chemical name | CAS No. | Weight-% |
|---------------|---------|----------|
| Acetone | 67-64-1 | 1 - <3 |

SECTION 4: First aid measures

Description of necessary first aid measures

| | |
|--------------|---|
| Inhalation | Remove to fresh air. |
| Skin contact | Wash with soap and water. |
| Eye contact | Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a doctor. |
| Ingestion | Rinse mouth. |

Most important symptoms and effects, both acute and delayed

Symptoms No information available.

Effects of Exposure No information available.

Indication of immediate medical attention and special treatment needed, if necessary

Note to doctors Treat symptomatically.

SECTION 5: Firefighting measures

Suitable Extinguishing Media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Large Fire CAUTION: Use of water spray when fighting fire may be inefficient.

Unsuitable extinguishing media Do not scatter spilled material with high pressure water streams.

Specific hazards arising from the chemical No information available.

Hazardous combustion products Carbon oxides.

Special protective actions for fire-fighters Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation.

Environmental precautions

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Environmental precautions No information available.

Methods and material for containment and cleaning up

Methods for cleaning up Pick up and transfer to properly labelled containers.

Methods for containment Prevent further leakage or spillage if safe to do so.

SECTION 7: Handling and storage

Precautions for safe handling

Advice on safe handling Ensure adequate ventilation.

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

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep from freezing.

Recommended storage temperature Do not freeze. Keep at temperatures between 5 and 35 °C.

Incompatible materials None known based on information supplied.

SECTION 8: Exposure controls/personal protection

Control parameters

Occupational exposure limits

| Chemical name | Occupational exposure limits | Restricted exposure limits |
|--------------------|------------------------------|--------------------------------|
| Acetone 67-64-1 | - | TWA: 500 ppm STEL: 1000 ppm |

Biological occupational exposure limits

| Chemical name | South Africa |
|--------------------|--|
| Acetone 67-64-1 | 25 mg/L - urine (Acetone) - end of shift |

Appropriate engineering controls

Engineering controls Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection No special protective equipment required.

Skin and body protection No special protective equipment required.

Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

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

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

| | |
|------------------------|--------------------------|
| Appearance | Viscous |
| Physical state | Liquid |
| Colour | White |
| Odour | Characteristic |
| Odour threshold | No information available |

| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> |
|---|-------------------|--------------------------|
| pH | 6 - 7 | No information available |
| Melting point / freezing point | No data available | No information available |
| Initial boiling point and boiling range | No data available | No information available |
| Flash point | No data available | No information available |
| Evaporation rate | No data available | No information available |
| Flammability | No data available | No information available |
| Upper/lower flammability or explosive limits | | |
| Upper flammability or explosive limits | No data available | |
| Lower flammability or explosive limits | No data available | |
| Vapour pressure | No data available | No information available |
| Relative vapour density | No data available | No information available |
| Relative density | No data available | No information available |
| Solubility(ies) | | |
| Water solubility | Miscible in water | No information available |
| Solubility in other solvents | No data available | No information available |
| Partition coefficient | No data available | No information available |
| Autoignition temperature | No data available | No information available |
| Decomposition temperature | No data available | No information available |
| Kinematic viscosity | No data available | No information available |
| Dynamic viscosity | No data available | No information available |

Other information

| | |
|-----------------------------|--------------------------|
| Explosive properties | No information available |
| Oxidising properties | No information available |
| Density | 1.06 |

SECTION 10: Stability and reactivity

| | |
|---|---|
| Reactivity | No information available. |
| Chemical stability | Stable under normal conditions. |
| Possibility of hazardous reactions | None under normal processing. |
| Conditions to avoid | Do not freeze. |
| Incompatible materials | None known based on information supplied. |
| Hazardous decomposition products | None known based on information supplied. |

Section 11: TOXICOLOGICAL INFORMATION

Information on the likely routes of exposure

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Product Information

Inhalation Specific test data for the substance or mixture is not available.
Eye contact Specific test data for the substance or mixture is not available.
Skin contact Specific test data for the substance or mixture is not available.
Ingestion Specific test data for the substance or mixture is not available.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms No information available.

Acute toxicity

Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) >5000 mg/kg
ATEmix (dermal) >5000 mg/kg
ATEmix (inhalation-gas) >20000 ppm
ATEmix (inhalation-vapour) >20 mg/l
ATEmix (inhalation-dust/mist) >5 mg/l

Component Information

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---------------|--|-----------------------|----------------------|
| Acetone | =5800 mg/kg (Rattus) 3000 mg/Kg (mouse) | >15800 mg/Kg (Rattus) | =79 mg/l(Rattus) 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.

Acetone (67-64-1)

| Method | Species | Exposure route | Effective dose | Exposure time | Results |
|---|---------|----------------|----------------|---------------|----------|
| OECD Test No. 405: Acute Eye Irritation/Corrosion | Rabbit | eye | | | irritant |

Respiratory or skin sensitisation No information available.

Germ cell mutagenicity No information available.

Carcinogenicity No information available.

Legend

IARC (International Agency for Research on Cancer)
Group 1 - Carcinogenic to Humans
Group 2B - Possibly Carcinogenic to Humans
Group 3 - Not Classifiable as to Carcinogenicity in Humans

Reproductive toxicity No information available.

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STOT - single exposure No information available.

STOT - repeated exposure No information available.

Aspiration hazard No information available.

SECTION 12: Ecological information

Ecotoxicity Harmful to aquatic life.

Unknown aquatic toxicity 0 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

| Chemical name | Algae/aquatic plants | Fish | Crustacea |
|---------------|----------------------|--|--|
| Acetone | - | LC50 96 h 4.74 - 6.33 mL/L (Oncorhynchus mykiss) | EC50 48 h 10294 - 17704 mg/L (Daphnia magna Static) |

Persistence and degradability No information available.

Acetone (67-64-1)

| Method | Exposure time | Value | Results |
|---|---------------|----------------|----------------------------|
| OECD Test No. 301B: Ready Biodegradability: CO2 Evolution Test (TG 301 B) | 28 days | biodegradation | 91 % Readily biodegradable |

Bioaccumulative potential

Component Information

| Chemical name | Partition coefficient |
|---------------|-----------------------|
| Acetone | -0.24 |

Mobility in soil No information available.

Other adverse effects No information available.

SECTION 13: Disposal considerations

Disposal methods

Waste from residues/unused products Dispose of waste in accordance with environmental legislation.

Contaminated packaging Do not reuse empty containers.

SECTION 14: Transport information

Note: Keep from freezing

IMDG Not regulated

IATA Not regulated

ADR Not regulated

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SECTION 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations

South Africa - Occupational Injuries and Diseases - Chemical Agents

| Chemical name | South Africa - Occupational Injuries and Diseases - Chemical Agents |
|-------------------|---|
| Acetone - 67-64-1 | Listed |

International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

Europe

Registration, Evaluation, Authorisation, and Restriction of Chemicals (REACH) Regulation (EC 1907/2006)

SVHC: Substances of Very High Concern for Authorisation:

This product does not contain candidate substances of very high concern at a concentration $\geq 0.1\%$ (Regulation (EC) No. 1907/2006 (REACH), Article 59)

Directive 2011/65/EU (EU RoHS 2), as amended by the Delegated Directive (EU) 2015/863 (EU RoHS 3)

This product does not contain Lead, Cadmium, Mercury, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-Ethylhexyl) phthalate (DEHP), Benzyl butyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP) above the regulated limit mentioned in this regulation

SECTION 16: Other information

Prepared By Product Safety & Regulatory Affairs
Revision date 18-Jul-2024
Revision note No information available.

Key or legend to abbreviations and acronyms used in the safety data sheet

Legend SECTION 8: Exposure controls/personal protection

| | | | |
|---------|-----------------------------|------|----------------------------------|
| TWA | TWA (time-weighted average) | STEL | STEL (Short Term Exposure Limit) |
| Ceiling | Maximum limit value | Sk* | Skin designation |

Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR)
U.S. Environmental Protection Agency ChemView Database
European Food Safety Authority (EFSA)
Environmental Protection Agency
Acute Exposure Guideline Level(s) (AEGl(s))
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
U.S. Environmental Protection Agency High Production Volume Chemicals
Food Research Journal
Hazardous Substance Database
International Uniform Chemical Information Database (IUCLID)
National Institute of Technology and Evaluation (NITE)
Australian National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
NIOSH (National Institute for Occupational Safety and Health)
National Library of Medicine's ChemID Plus (NLM CIP)

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National Library of Medicine's PubMed database (NLM PUBMED)
U.S. National Toxicology Program (NTP)
New Zealand's Chemical Classification and Information Database (CCID)
Organisation for Economic Co-operation and Development Environment, Health, and Safety Publications
Organisation for Economic Co-operation and Development High Production Volume Chemicals Programme
Organisation for Economic Co-operation and Development Screening Information Data Set
World Health Organization

Disclaimer

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End of Safety Data Sheet