



SAFETY DATA SHEET
BATTERY TERMINAL PROTECTOR

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Compilation date: 25/07/2005

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Revision No: 5

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

1.1. Product identifier

Product name: BATTERY TERMINAL PROTECTOR

Product code: BTP500

Synonyms: BTP500

000769097050

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.3. Details of the supplier of the safety data sheet

Company name: Specialised Aerosols Company Limited

Carr Green Lane

Mapplewell

Barnsley

South Yorkshire

S75 6DY

Tel: 01226 387101

Fax: 01226 387100

Email: sales@specialised-aerosols.co.uk

1.4. Emergency telephone number

Emergency tel: 07836317118

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Flam. Aerosol 1: H222; -: H229

Most important adverse effects: Extremely flammable aerosol. Pressurised container: May burst if heated.

2.2. Label elements

Label elements:

Hazard statements: H222: Extremely flammable aerosol.

H229: Pressurised container: May burst if heated

Signal words: Danger

Hazard pictograms: GHS02: Flame



Precautionary statements: P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

[cont...]

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No smoking.

P211: Do not spray on an open flame or other ignition source.

P251: Do not pierce or burn, even after use.

P273: Avoid release to the environment.

P410+412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

P501: Dispose of contents/container to hazardous or special waste collection point.

2.3. Other hazards

Other hazards: In use, may form flammable / explosive vapour-air mixture.

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

KEROSINE - UNSPECIFIED - DISTILLATES (PETROLEUM), HYDROTREATED LIGHT

| EINECS | CAS | PBT / WEL | CLP Classification | Percent |
|-----------|------------|-----------|--|---------|
| 265-149-8 | 64742-47-8 | - | Asp. Tox. 1: H304; Aquatic Chronic 2: H411 | 10-30% |

PROPANE

| | | | | |
|-----------|---------|--|-------------------------------------|--------|
| 200-827-9 | 74-98-6 | Substance with a Community workplace exposure limit. | Flam. Gas 1: H220; Press. Gas: H280 | 10-30% |
|-----------|---------|--|-------------------------------------|--------|

BUTANE

| | | | | |
|-----------|----------|--|-------------------------------------|-------|
| 203-448-7 | 106-97-8 | Substance with a Community workplace exposure limit. | Flam. Gas 1: H220; Press. Gas: H280 | 1-10% |
|-----------|----------|--|-------------------------------------|-------|

1-METHOXY-2-PROPANOL

| | | | | |
|-----------|----------|---|-------------------------------------|-------|
| 203-539-1 | 107-98-2 | - | Flam. Liq. 3: H226; STOT SE 3: H336 | 1-10% |
|-----------|----------|---|-------------------------------------|-------|

ISOBUTANE

| | | | | |
|-----------|---------|--|-------------------------------------|-------|
| 200-857-2 | 75-28-5 | Substance with a Community workplace exposure limit. | Flam. Gas 1: H220; Press. Gas: H280 | 1-10% |
|-----------|---------|--|-------------------------------------|-------|

SODIUM NITRITE

| | | | | |
|-----------|-----------|---|---|-----|
| 231-555-9 | 7632-00-0 | - | Ox. Sol. 3: H272; Acute Tox. 3: H301; Aquatic Acute 1: H400 | <1% |
|-----------|-----------|---|---|-----|

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes.

Ingestion: Wash out mouth with water.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

[cont...]

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4.2. Most important symptoms and effects, both acute and delayed

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

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

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid. Mark out the contaminated area with signs and prevent access to unauthorised personnel.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Smoking is forbidden. Use non-sparking tools. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

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7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

PROPANE

Workplace exposure limits:

Respirable dust

| State | 8 hour TWA | 15 min. STEL | 8 hour TWA | 15 min. STEL |
|-------|------------|--------------|------------|--------------|
| UK | 1800 mg/m3 | 7200 mg/m3 | - | - |

BUTANE

| | | | | |
|----|------------|------------|---|---|
| UK | 1450 mg/m3 | 1810 mg/m3 | - | - |
|----|------------|------------|---|---|

1-METHOXY-2-PROPANOL

| | | | | |
|----|-----------|-----------|---|---|
| UK | 375 mg/m3 | 560 mg/m3 | - | - |
|----|-----------|-----------|---|---|

ISOBUTANE

| | | | | |
|----|------------|------------|---|---|
| UK | 2400 mg/m3 | 9600 mg/m3 | - | - |
|----|------------|------------|---|---|

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: The floor of the storage room must be impermeable to prevent the escape of liquids.

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves.

Eye protection: Safety glasses.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Aerosol

Colour: Orange

Odour: Characteristic odour

Solubility in water: Insoluble

Flammability limits %: lower: 0.8

upper: 9.0

Flash point°C: -10

[cont...]

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9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

1-METHOXY-2-PROPANOL

| | | | | |
|-----|-----|------|-------|-------|
| IVN | RAT | LD50 | 4200 | mg/kg |
| ORL | MUS | LD50 | 11700 | mg/kg |
| ORL | RAT | LDLO | 3739 | mg/kg |

SODIUM NITRITE

| | | | | |
|-----|-----|------|-------|-------|
| ORL | MUS | LD50 | 175 | mg/kg |
| ORL | RAT | LD50 | 180 | mg/kg |
| SCU | RAT | LD50 | 96600 | µg/kg |

Toxicity values: No data available.

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

[cont...]

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Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Not biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: Bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Toxic to aquatic organisms. Toxic to soil organisms.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: UN1950

14.2. UN proper shipping name

Shipping name: AEROSOLS

14.3. Transport hazard class(es)

Transport class: 2

14.4. Packing group

14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: D

Transport category: 2

[cont...]

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Section 15: Regulatory information

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

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H220: Extremely flammable gas.
H222: Extremely flammable aerosol.
H226: Flammable liquid and vapour.
H229: Pressurised container: May burst if heated
H272: May intensify fire; oxidiser.
H301: Toxic if swallowed.
H304: May be fatal if swallowed and enters airways.
H336: May cause drowsiness or dizziness.
H400: Very toxic to aquatic life.
H411: Toxic to aquatic life with long lasting effects.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.