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SAFETY DATA SHEET

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

1.1 Product identifier

- Product Name: Spray Underlay Adhesive
- Product Part Number: 100
- Contains acetone and solvent naphtha

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

- Use of the substance/mixture: Adhesive
- Use advised against: No information available

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Plastica Ltd
- Address of Supplier: Perimeter House
Napier Road
St Leonards-on-Sea
East Sussex
United Kingdom
TN38 9NY
- Telephone: +44 (0) 1424 857857
- Email: Info@plasticapools.com

1.4 Emergency telephone number

- Emergency Telephone: 0800 043 0892
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SECTION 2 Hazards identification

2.1 Classification of the substance or mixture

- Classification (REGULATION (EC) No 1272/2008) [CLP/GHS]: Flam. Aerosol 1, H222 - H229, Skin Irrit. 2, H315, Eye Irrit. 2, H319, STOT SE 3, H336, Aquatic Chronic 3, H412
- Classification (67/548/EEC, 1999/45/EC) [CHIP]: F+; R12, Xi; R36/38, R52/53, R67
- Additional information: For full text of R-phrases and Hazard- and EU Hazard-statements: see section 16

2.2 Label elements



GHS02



GHS07

- Signal Word: Danger
 - Symbols: GHS02, GHS07
 - Contains acetone and solvent naphtha
 - Hazard phrases
Extremely flammable aerosol.
Pressurised container: may burst if heated.
Causes skin irritation.
Causes serious eye irritation.
May cause drowsiness or dizziness.
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SECTION 2 Hazards identification (....)

May cause long lasting harmful effects to aquatic life.

- Precautionary Phrases

Keep out of reach of children.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

No smoking.

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

Pressurized container: Do not pierce or burn, even after use.

Do not breathe dust/fume/gas/mist/vapours/spray.

Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.

Dispose of contents/container to an authorised waste collection point

2.3 Other hazards

- Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback
-

SECTION 3 Composition/information on ingredients

3.1 Substances

3.2 Mixtures

- acetone; propan-2-one; propanone

Concentration: 10-30%

CAS Number: 67-64-1

EC Number: 200-662-2

Categories: Flam. Liq. 2, Eye Irrit. 2, STOT SE 3

R/H Phrases: H225,H319,H336, EUH066, R11,R36,R66,R67

Symbols: GHS02,GHS07, F, Xi

Substance with a Community workplace exposure limit, see Section 8

- butane

Concentration: 10-30%

CAS Number: 106-97-8

EC Number: 203-448-7

Categories: Flam. Gas 1, Press. Gas

R/H Phrases: H220, R12

Symbols: GHS02,GHS04, F+

Substance with a Community workplace exposure limit, see Section 8

- propane

Concentration: 10-30%

CAS Number: 74-98-6

EC Number: 200-827-9

Categories: Flam. Gas 1, Press. Gas

R/H Phrases: H220, R12

Symbols: GHS02,GHS04, F+

- Solvent naphtha (petroleum), hydrotreated light naphthenic; Low boiling point hydrogen treated naphtha

Contains less than 0.1% benzene

Concentration: 10-30%

CAS Number: 92062-15-2

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SECTION 3 Composition/information on ingredients (....)

EC Number: 295-529-9

Categories: Flam. Liq. 2, Asp. Tox. 1, Skin Irrit. 2, STOT SE 3, Aquatic Chronic 2

R/H Phrases: H225, H304, H315, H336, H411, R11, R38, R65, R67, R51/53

Symbols: GHS02, GHS07, GHS08, GHS09, F, Xn, N

SECTION 4 First aid measures

4.1 Description of first aid measures

- Contact with skin
After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of soap and water
If skin irritation occurs: Get medical advice/attention.
- Contact with eyes
If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes
Irrigate eyes thoroughly whilst lifting eyelids
If eye irritation persists: Get medical advice/attention.
- Ingestion
Rinse mouth with water (do not swallow)
Do not induce vomiting
Get immediate medical advice/attention.
- Inhalation
Remove victim to fresh air and keep at rest in a position comfortable for breathing.
If breathing is difficult, oxygen should be given by a trained person
When in doubt or symptoms persist, seek medical attention

4.2 Most important symptoms and effects, both acute and delayed

- Severely irritating to skin and eyes
- May cause dizziness, confusion, headache or stupor

4.3 Indication of any immediate medical attention and special treatment needed

- Treat symptomatically
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SECTION 5 Fire-fighting measures

5.1 Extinguishing media

- In case of fire use water spray or fog, alcohol resistant foam, dry chemical or carbon dioxide
- Use water to cool containers exposed to fire.

5.2 Special hazards arising from the substance or mixture

- Pressurized aerosol container
- In a fire or if heated, a pressure increase will occur and the container may burst
- Highly flammable liquid and vapour.
- Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback
- Gives off irritating or toxic fumes (or gases) in a fire.
- Decomposition products may include carbon oxides

5.3 Advice for firefighters

- In case of fire: Evacuate area. Fight fire remotely due to the risk of explosion.

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SECTION 5 Fire-fighting measures (....)

- Special protective equipment: Wear self-contained breathing apparatus (SCBA). Wear full protective clothing including chemical protection suit.
 - Collect contaminated fire extinguishing water separately. This **MUST** not be discharged into drains. Prevent fire extinguishing water from contaminating surface or ground water.
-

SECTION 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Evacuate the area and keep personnel upwind
- Avoid breathing dust/fume/gas/mist/vapours/spray.
- Wash thoroughly after dealing with spillage
- Eyewash bottles should be available

6.2 Environmental Precautions

- Avoid release to the environment.
- Do not allow to enter public sewers and watercourses
- If contamination of drainage systems or water courses is unavoidable, immediately inform appropriate authorities

6.3 Methods and material for containment and cleaning up

- Eliminate all ignition sources if safe to do so.
- Ventilate area
- Absorb spillage in suitable inert material
- Place in appropriate container
- Seal containers and label them
- Remove contaminated material to safe location for subsequent disposal
- Ventilate the area and wash spill site after material pick-up is complete

6.4 Reference to other sections

- Wear protective clothing as per section 8
-

SECTION 7 Handling and storage

7.1 Precautions for safe handling

- Ensure adequate ventilation
- Avoid breathing vapours, mist or gas
- Do not get in eyes, on skin, or on clothing.
- Contaminated work clothing should not be allowed out of the workplace.
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
No smoking.
- Eyewash bottles should be available
- Wash thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities

- Store away from other materials.
- Keep away from food, drink and animal feedingstuffs
- Keep container tightly closed, in a cool, well ventilated place
- Keep in highly flammable materials store
- Ground/bond container and receiving equipment.
- Take precautionary measures against static discharge.
- Keep away from oxidisers, heat, flames or ignition sources
- Protect from sunlight.

7.3 Specific end use(s)

- Adhesive
-

SECTION 8 Exposure controls/personal protection

8.1 Control parameters

- acetone; propan-2-one; propanone
 - WEL (long term) 1210 mg/m³ (UK)
 - WEL (long term) 500 ppm (UK)
 - WEL (short term) 3620 mg/m³ (UK)
 - WEL (short term) 1500 ppm (UK)
- butane
 - WEL (long term) 1450 mg/m³ (UK)
 - WEL (long term) 600 ppm (UK)
 - WEL (short term) 1810 mg/m³ (UK)
 - WEL (short term) 750 ppm (UK)

8.2 Exposure controls

- Do not eat, drink or smoke when using this product.
- Engineering controls should be provided which maintain airborne concentrations below the relevant guidelines
- In case of inadequate ventilation wear respiratory protection.
- Wear suitable filtering half mask respirator approved to standard EN 149
- Wear suitable protective clothing, eye/face protection and gloves
- The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and standard EN 374.
- The selection of a suitable glove depends on work conditions and whether the product is present on its own or in combination with other substances. Breakthrough time is dependent on the characteristics of the brand of glove used and the supplier should be consulted.
- Wear safety glasses approved to standard EN 166.
- When handling this substance, e.g. sampling, wear goggles giving complete eye protection
- Eyewash bottles should be available



Goggles



Gloves



Respirator



No Smoking

SECTION 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance: Pressurized aerosol container
- Odour: Solvent odour
- pH: Not applicable
- Boiling Point/Range: No information available
- Vapour Density: No information available
- Vapour Pressure: No information available
- Relative Density: No information available
- Melting point/Range: No information available
- Freezing point/Range: No information available
- Viscosity: No information available
- Flashpoint: < -40°C

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SECTION 9 Physical and chemical properties (....)

- Flammability: Extremely flammable aerosol., Lower flammability limit 1.8%(in air), Upper flammability limit 9.5%(in air)
- Autoignition Temperature 410-580°C
- Evaporation Rate: No information available
- Solubility in water: No information available
- Solubility in Fat: No information available
- Partition Coefficient (n-Octanol/Water): No information available
- Explosive Properties: No information available
- Oxidising Properties: No information available

9.2 Other information

- No information available
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SECTION 10 Stability and reactivity

10.1 Reactivity

- This substance is volatile
- Risk of explosion by shock, friction, fire or other sources of ignition

10.2 Chemical stability

- No decomposition if stored normally.

10.3 Possibility of hazardous reactions

- May form explosive vapour/air mixtures
- Vapours may ignite

10.4 Conditions to avoid

- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Keep away from direct sunlight

10.5 Incompatible materials

- Incompatible with oxidizing substances

10.6 Hazardous Decomposition Products

- Decomposition products may include toxic and irritant fumes
 - Decomposition products may include carbon oxides
-

SECTION 11 Toxicological information

11.1 Information on toxicological effects

Acute Toxicity

- No experimental test data available for the mixture
- LD50 (oral, rat) (acetone) 5800 mg/kg
- LC50 (inhalation, rat) (butane) 658 mg/l/4h
- Based on available data, the classification criteria are not met

Skin corrosion/irritation

- Causes skin irritation.
- Classification based on calculation and concentration thresholds

Serious eye damage/irritation

- Causes serious eye irritation.
- Classification based on calculation and concentration thresholds

Respiratory or skin sensitisation

- No information available

Germ cell mutagenicity

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SECTION 11 Toxicological information (....)

- No information available
 - Carcinogenicity
 - No information available
 - Reproductive toxicity
 - No information available
 - Specific target organ toxicity (STOT) - single exposure
 - May cause drowsiness or dizziness.
 - Classification based on calculation and concentration thresholds
 - Specific target organ toxicity (STOT) - repeated exposure
 - No information available
 - Aspiration hazard
 - The ingestion of significant quantities may cause damage to lungs
 - Contact with eyes
 - Causes redness and irritation
 - Contact with skin
 - Causes redness and irritation
 - Repeated exposure may cause skin dryness or cracking.
 - Inhalation
 - May cause drowsiness or dizziness.
 - Inhalation of solvent vapours may give rise to nausea, headaches and dizziness
 - May cause coughing
 - Ingestion
 - May cause gastro-intestinal disturbances
-

SECTION 12 Ecological information

- 12.1 Ecotoxicity
 - Contains ingredients that are dangerous for the environment (see section 3)
 - May cause long lasting harmful effects to aquatic life.
 - 12.2 Persistence and degradability
 - No information available
 - 12.3 Bioaccumulation Potential
 - No information available
 - 12.4 Mobility in soil
 - Do not allow to penetrate the ground/soil.
 - 12.5 Results of PBT and vPvB assessment
 - No information available
 - 12.6 Other Adverse Effects
 - No information available
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SECTION 13 Disposal considerations

- 13.1 Waste treatment methods
 - Disposal should be in accordance with local, state or national legislation
 - Do not discharge into drains or the environment, dispose to an authorised waste collection point
 - Do not pierce or burn container, even after use
 - Empty containers may contain flammable vapours
 - To be disposed of as hazardous waste
 - 13.2 Classification
-

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SECTION 13 Disposal considerations (....)

- Waste Codes in accordance with the European Waste catalogue (EWC) are origin-defined. Since this product is used in several industries, no Waste Code can be provided by the supplier. The Waste Code should be determined in arrangement with your waste disposal partner or the responsible authority.
 - The waste must be identified according to the List of Wastes (2000/532/EC)
-

SECTION 14 Transport information

Flammable gas.

14.1 UN Number

- UN No.: 1950

14.2 UN Proper Shipping Name

- Proper Shipping Name: AEROSOLS

14.3 Transport hazard class(es)

- Hazard Class: 2

14.4 Packing group

- Packing Group: N/A

14.5 Environmental hazards

- See Section 12

14.6 Special precautions for user

- No information available

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

- Not applicable

14.8 Road/Rail (ADR/RID)

- Proper Shipping Name: AEROSOLS
- ADR UN No.: 1950
- ADR Hazard Class: 2
- ADR Packing Group: Not applicable
- Tunnel Code: D

14.9 Sea (IMDG)

- Proper Shipping Name: AEROSOLS
- IMDG UN No.: 1950
- IMDG Hazard Class: 2
- IMDG Pack Group.: Not applicable

14.10 Air (ICAO/IATA)

- Proper Shipping Name: AEROSOLS, FLAMMABLE
 - ICAO UN No.: 1950
 - ICAO Hazard Class: 2.1
 - ICAO Packing Group: Not applicable
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SECTION 15 Regulatory information

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

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SECTION 15 Regulatory information (....)

- This Safety Data Sheet is provided in compliance with the EC Directive 1907/2006-453/2010
- The Hazardous Waste (England and Wales) Regulations 2005 apply in the UK
- Restrictions on use according to Annex XVII to REACH Regulation: Entry 40 - Flammable substances in aerosol generators for entertainment and decorative purposes., Shall not be used, as substances or as mixtures in aerosol dispensers where these aerosol dispensers are intended for supply to the general public for entertainment and decorative purposes.

15.2 Chemical Safety Assessment

- No information available
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SECTION 16 Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- EUH066: Repeated exposure may cause skin dryness or cracking. H220: Extremely flammable gas. H225: Highly flammable liquid and vapour. H304: May be fatal if swallowed and enters airways. H315: Causes skin irritation. H319: Causes serious eye irritation. H336: May cause drowsiness or dizziness. H411: Toxic to aquatic life with long lasting effects. R11: Highly Flammable. R12: Extremely Flammable. R36: Irritating to eyes. R38: Irritating to skin. R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R65: Harmful: may cause lung damage if swallowed. R66: Repeated exposure may cause skin dryness or cracking. R67: Vapours may cause drowsiness and dizziness.

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