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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: Thixotropic Glue
- Product Part Number: 103
- Contains hydrocarbons C6-C7, naptha (petroleum) and rosin

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. Liq. 2, H225, STOT SE 3, H336, Aquatic Chronic 2, H411, EUH066
- Classification (67/548/EEC, 1999/45/EC) [CHIP]: F; R11, N; R51/53, R66, R67
- Additional information: For full text of R-phrases and Hazard- and EU Hazard-statements: see section 16

2.2 Label elements



GHS02



GHS07



GHS09

- Signal Word: Danger
 - Symbols: GHS02, GHS07, GHS09
 - Hazard phrases
Highly flammable liquid and vapour.
May cause drowsiness or dizziness.
Toxic to aquatic life with long lasting effects.
 - Precautionary Phrases
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
No smoking.
Use only outdoors or in a well-ventilated area.
Avoid release to the environment.
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SECTION 2 Hazards identification (....)

Wear protective gloves/protective clothing/eye protection/face protection.
 Dispose of contents/container in accordance with
 local/regional/national/international regulations.

Supplemental Hazard Information (EU)
 Repeated exposure may cause skin dryness or cracking.
 Contains ROSIN. May produce an allergic reaction.

2.3 Other hazards

- No information available
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SECTION 3 Composition/information on ingredients

3.1 Substances

3.2 Mixtures

- Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane
 Concentration: 10-30%
 CAS Number: None
 EC Number: 926-605-8
 Categories: Flam. Liq. 2, Asp. Tox. 1, STOT SE 3, Aquatic Chronic 2
 R/H Phrases: H225, H304, H336, H411, EUH066, R11, R51/53, R65, R66, R67
 Symbols: GHS02, GHS07, GHS08, GHS09, F, Xn, N
 REACH Registration Number: 01-2119486291-36-XXXX
- Naphtha (petroleum), hydrodesulfurized light, dearomatized; Low boiling point naphtha
 - unspecified; <0.1% benzene
 Concentration: 10-30%
 CAS Number: 92045-53-9
 EC Number: 295-434-2
 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, R51/53, R65, R67
 Symbols: GHS02, GHS07, GHS08, GHS09, F, Xn, N
- Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated
 naphtha; <0.1% benzene
 Concentration: 5-10%
 CAS Number: 64742-49-0
 EC Number: 265-151-9
 Categories: Flam. Liq. 2, Asp. Tox. 1, Skin Irrit. 2, STOT SE 3, Aquatic Chronic 2
 R/H Phrases: H225, H304, H315, 336, H411, R11, R38, R51/53, R65, R67
 Symbols: GHS02, GHS07, GHS08, GHS09, F, Xn, N
- butanone; ethyl methyl ketone
 Concentration: 5-10%
 CAS Number: 78-93-3
 EC Number: 201-159-0
 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
 REACH Registration Number: 01-2119457290-43-XXXX
 Substance with a Community workplace exposure limit, see Section 8

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

- ethyl acetate
 - Concentration: 1-5%
 - CAS Number: 141-78-6
 - EC Number: 205-500-4
 - 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
 - REACH Registration Number: 01-2219475103-46-XXXX
 - Substance with a Community workplace exposure limit, see Section 8
- cyclohexane
 - Concentration: <1%
 - CAS Number: 110-82-7
 - EC Number: 203-806-2
 - Categories: Flam. Liq. 2, Asp. Tox. 1, Skin Irrit. 2, STOT SE 3, Aquatic Acute 1, Aquatic Chronic 1
 - R/H Phrases: H225, H304, H315, H336, H400, H410, R11, R38, R65, R67, R50/53
 - Symbols: GHS02, GHS08, GHS07, GHS09, F, Xn, N
 - Substance with a Community workplace exposure limit, see Section 8
- n-hexane
 - Concentration: <1%
 - CAS Number: 110-54-3
 - EC Number: 203-777-6
 - Categories: Flam. Liq. 2, Repr. 2, Asp. Tox. 1, STOT RE 2, Skin Irrit. 2, STOT SE 3, Aquatic Chronic 2
 - R/H Phrases: H225, H361f ***, H304, H373 **, H315, H336, H411, R11, R38, R48/20, R62, R65, R67, R51/53
 - Symbols: GHS02, GHS08, GHS07, GHS09, F, Xn, N
 - Substance with a Community workplace exposure limit, see Section 8
- propan-2-ol; isopropyl alcohol; isopropanol
 - Concentration: <1%
 - CAS Number: 67-63-0
 - EC Number: 200-661-7
 - Categories: Flam. Liq. 2, Eye Irrit. 2, STOT SE 3
 - R/H Phrases: H225, H319, H336, R11, R36, R67
 - Symbols: GHS02, GHS07, F, Xi
 - REACH Registration Number: 01-2119457558-25-XXXX
 - Substance with a Community workplace exposure limit, see Section 8
- rosin
 - Concentration: <1%
 - CAS Number: 8050-09-7
 - EC Number: 232-475-7
 - Categories: Skin Sens. 1
 - R/H Phrases: H317, R43
 - Symbols: GHS07

SECTION 4 First aid measures

4.1 Description of first aid measures

- Contact with skin
IF ON CLOTHING: rinse immediately contaminated clothing and skin with plenty of water before removing clothes.
Gently wash with plenty of soap and water.
- Contact with eyes
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
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

- May cause irritation to skin, eyes and the respiratory tract.
- May cause allergic reaction in susceptible people
- Causes drowsiness
- May cause coughing

4.3 Indication of any immediate medical attention and special treatment needed

- Treat symptomatically
-

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

5.2 Special hazards arising from the substance or mixture

- 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.

5.3 Advice for firefighters

- Keep container(s) exposed to fire cool, by spraying with water
 - 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.
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SECTION 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Evacuate the area and keep personnel upwind
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SECTION 6 Accidental release measures (....)

- 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

- Ventilate area
- Absorb spillage in earth or sand
- Remove contaminated material to safe location for subsequent disposal
- Place in appropriate container
- Seal containers and label them
- 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.
- Do not eat, drink or smoke when using this product.
- 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
- Ground/bond container and receiving equipment.
- Take precautionary measures against static discharge.
- Keep away from oxidisers, heat, flames or ignition sources
- Protect from sunlight.
- Keep away from acid
- Protect from moisture.
- Keep away from combustible material

7.3 Specific end use(s)

- Adhesive
-

SECTION 8 Exposure controls/personal protection**8.1 Control parameters**

- butanone; ethyl methyl ketone
 - WEL (long term) 600 mg/m³ (sk) (UK EH40)
 - WEL (long term) 200 ppm (sk) (UK EH40)
 - WEL (short term) 899 mg/m³ (sk) (UK EH40)
 - WEL (short term) 300 ppm (sk) (UK EH40)

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SECTION 8 Exposure controls/personal protection (....)

- cyclohexane
 - WEL (long term) 350 mg/m³ (UK EH40)
 - WEL (long term) 100 ppm (UK EH40)
 - WEL (short term) 1050 mg/m³ (UK EH40)
 - WEL (short term) 300 ppm (UK EH40)
- ethyl acetate
 - WEL (long term) 200 ppm (UK EH40)
 - WEL (short term) 400 ppm (UK EH40)
- n-hexane
 - WEL (long term) 72 mg/m³ (UK EH40)
 - WEL (long term) 20 ppm (UK EH40)
- propan-2-ol; isopropyl alcohol; isopropanol
 - WEL (long term) 999 mg/m³ (UK EH40)
 - WEL (long term) 400 ppm (UK EH40)
 - WEL (short term) 1250 mg/m³ (UK EH40)
 - WEL (short term) 500 ppm (UK EH40)

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
- Wear suitable protective clothing, including eye/face protection and gloves (nitrile are recommended)
- 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
- In case of insufficient ventilation, wear suitable respiratory equipment
- Wear suitable filtering half mask respirator approved to standard EN 149



Goggles



Gloves



Respirator



No Smoking

SECTION 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance: Viscous, Liquid, light, brown
- Odour: Characteristic odour
- pH: No information available
- Boiling Point/Range: No information available
- Vapour Density: No information available
- Vapour Pressure: No information available
- Melting point/Range: No information available

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

- Freezing point/Range: No information available
- Viscosity: Viscous
- Flashpoint: -15°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

- No hazardous reactions known if used for its intended purpose

10.2 Chemical stability

- No decomposition if stored normally.

10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

10.4 Conditions to avoid

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

10.5 Incompatible materials

- Incompatible with oxidizing substances
- Incompatible with acid

10.6 Hazardous Decomposition Products

- Decomposition products may include toxic and irritant fumes
-

SECTION 11 Toxicological information

11.1 Information on toxicological effects

Acute Toxicity

- No experimental test data available for the mixture

Skin corrosion/irritation

- No experimental test data available for the mixture

Serious eye damage/irritation

- No experimental test data available for the mixture

Respiratory or skin sensitisation

- Contains rosin. May produce an allergic reaction.
- May cause sensitisation by skin contact

Germ cell mutagenicity

- No information available

Carcinogenicity

- No information available

Reproductive toxicity

- No information available
-

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SECTION 11 Toxicological information (....)

- Specific target organ toxicity (STOT) - single exposure
 - May cause drowsiness or dizziness.
 - 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
 - May cause eye irritation
 - Contact with skin
 - Mildly irritating to skin
 - Repeated exposure may cause skin dryness or cracking.
 - May cause an allergic skin reaction.
 - May cause dermatitis
 - Inhalation
 - May cause drowsiness or 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 3.2)
- Toxic to aquatic life with long lasting effects.
- propan-2-ol; isopropyl alcohol; isopropanol
 - LC50 (Crustaceans) 1400 mg/l (48 hr)
 - LC50 (fish) 4200 mg/l (96 hr)

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
-

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
- To be disposed of as hazardous waste

13.2 Classification

- 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.

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SECTION 13 Disposal considerations (....)

- The waste must be identified according to the List of Wastes (2000/532/EC)
-

SECTION 14 Transport information


Flammable Liquid



ENVIRONMENTALLY HAZARDOUS

14.1 UN Number

- UN No.: 1133

14.2 UN Proper Shipping Name

- Proper Shipping Name: ADHESIVES

14.3 Transport hazard class(es)

- Hazard Class: 3

14.4 Packing group

- Packing Group: III

14.5 Environmental hazards

- Marine pollutant

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: ADHESIVES
- ADR UN No.: 1133
- ADR Hazard Class: 3
- ADR Packing Group: III
- Tunnel Code: E

14.9 Sea (IMDG)

- Proper Shipping Name: ADHESIVES
- IMDG UN No.: 1133
- IMDG Hazard Class: 3
- IMDG Pack Group.: III

14.10 Air (ICAO/IATA)

- Proper Shipping Name: ADHESIVES
 - ICAO UN No.: 1133
 - ICAO Hazard Class: 3
 - ICAO Packing Group: III
-

SECTION 15 Regulatory information

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

- This Safety Data Sheet is provided in compliance with the EC Directive 1907/2006-453/2010
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SECTION 15 Regulatory information (....)

- The Hazardous Waste (England and Wales) Regulations 2005 apply in the UK
- 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. H225: Highly flammable liquid and vapour. H304: May be fatal if swallowed and enters airways. H315: Causes skin irritation. H317: May cause an allergic skin reaction. H319: Causes serious eye irritation. H336: May cause drowsiness or dizziness. H361f: Suspected of damaging fertility. H373: May cause damage to organs through prolonged or repeated exposure. H400: Very toxic to aquatic life. H410: Very toxic to aquatic life with long lasting effects. H411: Toxic to aquatic life with long lasting effects. R11: Highly Flammable. R36: Irritating to eyes. R38: Irritating to skin. R43: May cause sensitisation by skin contact. R48/20: Harmful: danger of serious damage to health by prolonged exposure through inhalation. R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R62: Possible risk of impaired fertility. R65: Harmful: may cause lung damage if swallowed. R66: Repeated exposure may cause skin dryness or cracking. R67: Vapours may cause drowsiness and dizziness.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of PLASTICA'S limited knowledge and belief, accurate, and reliable as of the date of authorisation of this safety data sheet. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to be satisfied as to the suitability and completeness of such information for the product as used.

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