SAFETY DATA SHEET

In accordance with Regulation (EC) No 1907/2006, as amended by Regulation (EU) 2020/878

Date of issue: July 2026 (Ed. 2, Rev. 3)

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier

Trade Name: MENIGLUE P323

UFI: Not applicable. (The product is exempt from the UFI code as it does not fall under the categories of mixtures subject to the UFI notification requirement pursuant to Annex VIII of the CLP Regulation).

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

Identified uses: Industrial use.

1.3 Details of the supplier of the safety data sheet

Menichetti glues & adhesives srl
Via Ragazzi del '99, Nr. 34, 50054 Fucecchio (FI), ITALY

1.4 Emergency telephone number

For 24/7 multilingual emergency response: CHEMTREC EMEA: +44 20 3885 0382 (CCN 1001748)

Local Emergency Information (Poison Control Centers / CAV):

- Azienda ospedaliera "Antonio Cardarelli", III Servizio di anestesia e rianimazione, via Antonio Cardarelli 9, NAPLES: 081-5453333
- Azienda ospedaliera universitaria Careggi, U.O. Tossicologia medica, via Largo Brambilla 3, FLORENCE: 055-7947819
- Centro nazionale d'informazione tossicologica, IRCCS Fondazione Salvatore Maugeri Clinica del lavoro e della riabilitazione, via Salvatore Maugeri 10, PAVIA: 0382-24444
- Azienda ospedaliera Niguarda Ca' Grande, piazza Ospedale Maggiore 3, MILAN: 02-66101029
- Azienda ospedaliera "Papa Giovanni XXIII", tossicologia clinica, Dipartimento di farmacia clinica e farmacologia, piazza OMS 1, BERGAMO: 800883300
- Policlinico "Umberto I", PRGM tossicologia d'urgenza, viale del Policlinico 155, ROME: 06-49978000
- Policlinico "Agostino Gemelli", Servizio di tossicologia clinica, largo Agostino Gemelli 8, ROME: 06-3054343
- Azienda ospedaliera universitaria riuniti, viale Luigi Pinto 1, FOGGIA: 800183459
- Ospedale pediatrico Bambino Gesù, Dipartimento emergenza e accettazione DEA, piazza Sant'Onofrio 4, ROME: 06-68593726
- Azienda ospedaliera universitaria integrata (AOUI) di Verona sede di Borgo Trento, piazzale Aristide Stefani 1, 37126 VERONA: 8000118558

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture
No chemical-physical adverse effects for human health or the environment.

2.2 Label elements
Hazard pictograms: None

Hazard statements: None

Precautionary statements: None

Special provisions: EUH210 Safety data sheet available on request.

The product is not considered hazardous according to Regulation (EC) No. 1272/2008 (CLP).

No special provisions according to Annex XVII of REACH and subsequent amendments.

2.3 Other hazards
PBT / vPvB criteria: The mixture does not contain components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at concentrations of 0,1% or higher.

Endocrine disrupting properties: The mixture does not contain components with endocrine disrupting properties pursuant to Article 57(f) of REACH, Commission Delegated Regulation (EU) 2017/2100, or Commission Regulation (EU) 2018/605 at levels of 0,1% or higher.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances: N/A

Mixtures:

Chemical Name	CAS No. / EC No.	Classification	Concentration (% w/w)	Specific Concentration Limits (SCL), M-Factors, ATE
4-chloro-3-methylphenol (chlorocresol)	CAS No.: 59-50-7 EC No.: 200-431-6	Acute Tox. 4 (H302) Skin Corr. 1C (H314) Eye Dam. 1 (H318) Skin Sens. 1B (H317) STOT SE 3 (H335) Aquatic Acute 1 (H400) Aquatic Chronic 3 (H412)	< 0,1%	M-Factor (Acute): 1 ATE (oral): 1,830 mg/kg

Chemical Name	CAS No. / EC No.	Classification	Concentration (% w/w)	Specific Concentration Limits (SCL), M-Factors, ATE
2-Phenylphenol (ISO)	CAS No.: 90-43-7 EC No.: 201-993-5	Skin Corr. 1 (H314) Eye Dam. 1 (H318) Skin Sens. 1B (H317) Carc. 2 (H351) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	< 0,1%	M-Factor (Acute): 1 M-Factor (Chronic): 1

4. FIRST AID MEASURES

4.1 Description of first aid measures
In case of skin contact, wash with water. In case of contact with eyes, rinse immediately with water for 10 minutes and consult a doctor if necessary. In case of ingestion, drink plenty of water and consult a doctor showing the safety data sheet.

For the mixture in question, no specific measures are necessary.

4.2 Most important symptoms and effects, both acute and delayed
There are no known acute or delayed effects attributable to the mixture.

4.3 Indication of any immediate medical attention and special treatment needed
In the event that medical attention is needed, refer to section 4.1.

5. FIREFIGHTING MEASURES

5.1 Extinguishing media
Suitable extinguishing media: Water, CO2, foam, chemical powders depending on the materials involved in the fire.

Unsuitable extinguishing media: None known.

5.2 Special hazards arising from the mixture
In case of fire, fumes containing carbon monoxide, carbon dioxide, and unidentified toxic and/or irritating compounds may be released. Avoid breathing fumes.

5.3 Advice for firefighters
Always operate with adequate protection. Use a protective helmet with a visor, fireproof clothing, protective gloves, a positive-pressure mask with a full-face mask covering the operator's entire face, or a self-contained breathing apparatus in case of large amounts of smoke.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
6.1.1 For non-emergency personnel: Evacuate the release area. Do not intervene unless properly instructed on the operations to be carried out.

6.1.2 For emergency responders: Use a respirator with an organic vapor filter. For hands, use neoprene or polyethylene gloves. For eyes, use tight-fitting protective goggles with a face visor. For body protection, wear normal work clothes.

6.2 Environmental precautions
Prevent dispersion into the environment. Prevent entry into sewers or surface water bodies.

6.3 Methods and material for containment and cleaning up
6.3.1 Spill containment methods: Contain the spill with earth, sand, or other inert absorbent material.

6.3.2 Spill clean-up methods: Dispose of contaminated absorbent material and clean up with water afterwards.

6.3.3 Any other information regarding spills and releases: None.

6.4 Reference to other sections
For further specifications on personal protective equipment and disposal methods, refer to sections 8 and 13 of this safety data sheet.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling
7.1.1 Provide thorough ventilation in workplace areas.

7.1.2 Keep away from heat sources and protect from direct sunlight.

7.2 Conditions for safe storage, including any incompatibilities
a. There are no known risks related to explosive atmospheres, corrosive conditions, flammability hazards, evaporation conditions, or potential ignition sources.

b. Store in a cool, well-ventilated place, preferably at temperatures not exceeding 30°C.

c. The product is stable under normal conditions of use and storage.

d. Use original, undamaged packaging.

7.3 Specific end use(s)
None in particular.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters
The product contains no substances for which workplace exposure limits must be monitored.

8.2 Exposure controls
8.2.1 Appropriate engineering controls: Work in accordance with good industrial hygiene practices.

8.2.2 Individual protection measures, such as personal protective equipment:

8.2.2.1 Maintain personal protective equipment according to the instruction manual.

8.2.2.2 For eye protection, use tight-fitting protective goggles; for hand protection, use neoprene or polyethylene gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties
- **Physical state:** Rubber-like solid (gelatin-based solution in solid form)
- **Color:** Brown
- **Odor:** Characteristic
- **Boiling point:** Approx. 100°C
- **Flammability:** N/A
- **Lower and upper explosion limit:** N/A
- **Flash point:** N/A
- **Auto-ignition temperature:** N/A
- **Decomposition temperature:** N/A
- **pH:** 5,5 – 6,5
- **Brookfield viscosity:** Approx. 800 mPas (at 60°C)
- **Solubility:** 100% in water
- **Partition coefficient n-octanol/water (log value):** N/A
- **Vapor pressure:** N/A
- **Density and/or relative density:** Approx. 1,20 g/cm³
- **Relative vapor density:** N/A
- **Particle characteristics:** Not applicable (solid not in powder/granular form, but a gelatinous solid matrix).

9.2 Other information

9.2.1 Information with regard to physical hazard classes: No additional information available.

9.2.2 Other safety characteristics: No additional information available.

10. STABILITY AND REACTIVITY

10.1 Reactivity

10.1.1 The product is stable if used according to the indications in this safety data sheet.

10.1.2 Avoid contact with aldehydes; they cause the formation of a thermally irreversible gel, resulting in the loss of required adhesive characteristics and alteration of the chemical-physical properties specified in section 9.

10.2 Chemical stability

The mixture is stable under normal conditions of use and storage.

10.3 Possibility of hazardous reactions

No hazardous reactions are known.

10.4 Conditions to avoid

None in particular.

10.5 Incompatible materials

None in particular.

10.6 Hazardous decomposition products

Under the effect of heat, carbon oxides may be released.

11. TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Toxicological information regarding the mixture:

- **a) acute toxicity:** not classified
- **b) skin corrosion/irritation:** not classified
- **c) serious eye damage/irritation:** not classified
- **d) respiratory or skin sensitization:** not classified
- **e) germ cell mutagenicity:** not classified
- **f) carcinogenicity:** not classified
- **g) reproductive toxicity:** not classified
- **h) STOT-single exposure:** not classified
- **i) STOT-repeated exposure:** not classified

- **j) aspiration hazard:** not classified

11.2 Information on other hazards
No endocrine disruptors present at concentration >= 0,1%.

12. ECOLOGICAL INFORMATION

12.1 Toxicity: N/A

12.2 Persistence and degradability: N/A

12.3 Bioaccumulative potential: N/A

12.4 Mobility in soil: N/A

12.5 Results of PBT and vPvB assessment: Does not contain PBT or vPvB substances at concentrations above 0.1%.

12.6 Endocrine disrupting properties: Does not contain substances with endocrine disrupting properties.

12.7 Other adverse effects: No data available.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods
Recover if possible. Operate in accordance with current local and national regulations. 91/156/EEC, 91/689/EEC, 94/62/EC and subsequent amendments.

14. TRANSPORT INFORMATION

Non-hazardous goods under transport regulations.

14.1 UN number or ID number: Not regulated

14.2 UN proper shipping name: Not regulated

14.3 Transport hazard class(es): Not regulated

14.4 Packing group: Not regulated

14.5 Environmental hazards: No

14.6 Special precautions for user: No special precautions required.

14.7 Maritime transport in bulk according to IMO instruments: Not applicable. (Bulk transport under Annex II of MARPOL Convention and the IBC Code is not applicable to the product in its supplied form).

15. REGULATORY INFORMATION

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

- Dir. 98/24/EC (Risk related to chemical agent at work)
- Dir. 2000/39/EC (Occupational exposure limit values)
- Regulation (EC) No. 1907/2006 (REACH)
- Regulation (EU) No. 2020/878
- Regulation (EC) No. 1272/2008 (CLP)
- Regulation (EC) No. 790/2009 (ATP 1 CLP) and (EU) No. 758/2013
- Regulation (EU) No. 286/2011 (ATP 2 CLP)
- Regulation (EU) No. 618/2012 (ATP 3 CLP)
- Regulation (EU) No. 487/2013 (ATP 4 CLP)
- Regulation (EU) No. 944/2013 (ATP 5 CLP)
- Regulation (EU) No. 605/2014 (ATP 6 CLP)
- Regulation (EU) No. 2015/1221 (ATP 7 CLP)
- Regulation (EU) No. 2016/918 (ATP 8 CLP)
- Regulation (EU) No. 2016/1179 (ATP 9 CLP)
- Regulation (EU) No. 2017/776 (ATP 10 CLP)
- Regulation (EU) No. 2018/669 (ATP 11 CLP)
- Regulation (EU) No. 2019/521 (ATP 12 CLP)
- Regulation (EU) No. 2018/1480 (ATP 13 CLP)
- Regulation (EU) No. 2020/217 (ATP 14 CLP)
- Regulation (EU) No. 2020/1182 (ATP 15 CLP)
- Regulation (EU) No. 2021/643 (ATP 16 CLP)
- Regulation (EU) No. 2021/849 (ATP 17 CLP)
- Regulation (EU) No. 2022/692 (ATP 18 CLP)

Provisions relating to EU Directive 2012/18 (Seveso III): None

Restrictions related to the product or contained substances according to Annex XVII of Regulation (EC) 1907/2006 (REACH) and subsequent amendments:

- Product restrictions: None
- Substance restrictions: None

SVHC Substances: None

15.2 Chemical safety assessment
A chemical safety assessment has not been carried out for the mixture.

16. OTHER INFORMATION

Main bibliographic sources:

- NIOSH – Registry of toxic effects of chemical substances
- ECDIN – Environmental Chemical Data and Information Network – Joint Research Centre, Commission of the European Communities
- SAX'S – Dangerous properties of industrial materials
- National Institute of Health - National Inventory of Chemical Substances

The information contained herein is based on our knowledge at the date specified above. It refers solely to the product indicated and does not constitute a guarantee of particular quality. The user is required to ensure the suitability and completeness of such information in relation to the specific use to be made of it. Since the use of the product does not fall under our direct control, it is the user's obligation to observe, under their own responsibility, the laws and regulations in force concerning health and safety. No liability is assumed for improper use.

This safety data sheet complements the technical data sheet without replacing it.

This safety data sheet cancels and replaces any previous edition.

Sheet issued by: MENICHETTI GLUES & ADHESIVES

For further clarification contact: Dr. Buralli Dario.