



A COMPONENT TWO-COMPONENT POLYURETHANE ADHESIVE FOR PARQUET, ELASTIC - POLYFIX FLEX/9+1

Safety Data Sheet

in accordance with Regulation REACH (EC) 1907/2006 as amended by Regulation (EU)
2020/878 Reference number: SDS-201223-1
Release date: 20.12.2023 Version: 1.0

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

1.1. Product ID

Product Form : Mixture
Trade name : Two-component polyurethane adhesive for parquet, elastic - Polyfix FLEX/9+1
Product Code : PU-7092-FPY-A

1.2. Identified uses of the substance or mixture that are relevant and uses not recommended

1.2.1. Uses identified

Use of the substance/mixture : Two-component elastic adhesive for parquet

1.2.2. Uses not recommended

No further information available

1.3. Details of the safety data sheet provider

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1.4. Emergency telephone number

Country	Organization/Company	Address	Emergency phone number	Comment
Bulgaria	National Toxicological Information Center General Hospital for Active Treatment and Emergency Medicine "N.I. Pirogov"	Bull. Gene. Edward I. Totleben 21 1606 Sofia	+359 02 9154 409 +359 02 9154 346	The phone is active 24/7 and the call to it is free of charge

SECTION 2: Description of hazards

2.1. Classification of the substance or mixture

Classification in accordance with Regulation (EC) No 1272/2008 [CLP]

Not classified

Adverse physicochemical effects and adverse effects on human health and the environment

To our knowledge, this product does not pose a particular risk, provided that the general rules on industrial hygiene and safety techniques are observed.

Labelling in accordance with Regulation (EC) No 1272/2008 [CLP]

2.2. Elements of the label

Inapplicable labelling

2.3. Other hazards

The mixture does not contain substance(s) included in the list drawn up in accordance with Article 59(1)(1) of REACH for the possession of endocrine disrupting properties or which has not been found to have endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 in concentration, equal to or greater than 0,1 % by weight.

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SECTION 3: Composition/Ingredient Information

3.1. Substances

Not applicable

3.2. Mixtures

This mixture does not contain substances to be specified according to the criteria specified in Section 3.2 of Annex II of REACH

SECTION 4: First aid measures

4.1. Description of first aid measures

First aid - general measures	: In all cases of doubt, or if symptoms persist, seek medical attention help.
First aid for inhalation	: Bring your face to fresh air and place it in a position that makes breathing easier.
First aid in case of skin contact	: Wash the skin with plenty of water.
First aid in case of contact with eyes	: Rinse eyes with water as a precaution.
First aid for swallowing	: Never give anything through the mouth of an unconscious person. Do not induce vomiting. If you are unwell, call a poison control center or a doctor.

4.2. Most significant acute symptoms and effects that occur after a certain period of time

No further information available

4.3. Indication of the need for any emergency medical care and special treatment

Treat symptomatically.

SECTION 5: Fire Prevention Measures

5.1. Fire extinguishing means

Suitable fire extinguishing equipment	: Water spray, dry chemical powder, alcohol-resistant foam, carbon dioxide (CO ₂).
Inappropriate fire extinguishing equipment	: Do not use a dense water jet, as it may disperse and spread the fire.

5.2. Particular hazards arising from the substance or mixture

Reactivity in the event of a fire	: At high temperatures, dangerous gases can be released.
Dangerous decay products in the event of fire	: Under the influence of heat or during combustion: It is possible to release toxic fumes.

5.3. Tips for firefighters

Fire protection measures	: Store away from combustible materials. Keep the package closed when not Use. Approach the side from which the wind blows.
Fire extinguishing instructions	: Be careful in the fight against chemical fires. To be held against the wind. Do not enter fire zones without protective equipment, incl. and respiratory protective equipment. Remove all ignition sources if it is safe. To stop and hold liquids from fire extinguishing by backfilling.
Fire extinguishing protection	: Do not intervene without appropriate protective equipment. Self-contained and insulating respiratory protection apparatus. Complete body protection.
Other information	: Prevent the products from extinguishing the fire from entering the sewerage system or water sources. Notify the authorities if the product enters the sewer or public water bodies.

SECTION 6: Emergency release measures

6.1. Personal protective equipment, protective equipment and emergency procedures

General measures	: People should stay away from the danger zone.
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6.1.1. For non-emergency personnel

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|----------------------|--|
| Protective equipment | : For more information, see Section 8: "Exposure Control/Personal Protective Equipment means". |
| Emergency plans | : Ventilate the spill/spill area. |

6.1.2. For those responsible for emergencies

- | | |
|----------------------|---|
| Protective equipment | : Do not intervene without appropriate protective equipment. For more information, see section 8: 'Exposure control/personal protective equipment'. |
| Emergency plans | : Provide adequate protective equipment to cleaning teams. To remove unnecessary personnel. |

6.2. Environmental safeguards

Avoid discharge into the environment.

6.3. Containment and cleaning methods and materials

- | | |
|-------------------|---|
| Cleaning methods | : The spilled liquid should be collected with absorbent material. |
| Other information | : Dispose of materials or solid residues at a permitted place. |

6.4. Reference to other sections

For personal protective equipment to be used, see section 8. For disposal of waste after cleaning, see section 13.

SECTION 7: Operation and storage

7.1. Precautions for safe operation

- | | |
|----------------------------|--|
| Safe Operation Precautions | : No special measures are necessary, provided that the product is used in accordance with the general rules for industrial hygiene and safety. |
|----------------------------|--|

7.2. Conditions for safe storage, including incompatibilities

- | | |
|------------------------|--|
| Storage conditions | : Store in a well-ventilated area. Keep cool. |
| Incompatible products | : Strong acids. Strong foundations. Strong oxidizing agents. |
| Incompatible materials | : Extremely high or extremely low temperatures. |

7.3. Specific end-use(s)

See section 1.2.

SECTION 8: Exposure Control/Personal Protective Equipment

8.1. Control parameters

8.1.1 National occupational exposure limits and biological limit values

No further information available

8.1.2. Recommended monitoring procedures

No further information available

8.1.3. Air pollutants are formed

No further information available

8.1.4. DNEL and PNEC

No further information available

8.1.5. Control banding

No further information available

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8.2. Exposure control

8.2.1. Appropriate engineering control

Appropriate engineering control:

Ensure good ventilation of the workplace.

8.2.2. Personal protective equipment

Personal protective equipment:

Mandatory use of protective gloves. Protective glasses.

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Not required under normal conditions of use

8.2.2.2. Skin protection

Skin and body protection:

Under normal conditions of use, no special clothing/skin protection is recommended

Hand protection:

No specific or specific measure is needed. Observe general industrial hygiene measures

8.2.2.3. Airway protection

Airway protection:

In case of insufficient ventilation, wear a suitable breathing apparatus

8.2.2.4. Thermal hazards

No further information available

8.2.3. Environmental Exposure Control

Environmental Exposure Control:

Avoid discharge into the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State of Aggregation	: Liquid
Colour	: Different colors.
Appearance	: Paste.
Smell	: Characteristic.
The Limit of Smell	: Not available
Point on the melting	: Not applicable
freezing point	: Not available
Tochka on a kipen	: Not available
Inflammation	: Not applicable
Lower limit of explosiveness	: Not available
Upper limit of explosiveness	: Not available
Flame Temperature	: > 200 °C
Self-Ignition Temperature	: Not available
Decomposition temperature	: Not available
pH	: Not available
Viscosity, kinematic	: Not available
Viscosity, dynamic	: 250 – 350 cP
Solubility	: Not available

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Partition coefficient: n-octanol/water (Log Kow)	: Not available
Vapor pressure	: Not available
Vapor pressure at 50°C	: Not available
Density	: 1.76 – 1.8 g/cm ³
Relative density	: Not available
Relative vapor density at 20°C	: Not available
Characteristics of particles	: Not applicable

9.2. Other Information

9.2.1. Information on physical hazard classes

No further information available

9.2.2. Other safety features

No further information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transportation.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of dangerous reactions

There is no known dangerous reaction under normal conditions of use.

10.4. Conditions to be avoided

None under the recommended storage and operating conditions (see section 7).

10.5. Incompatible materials

No further information available

10.6. Hazardous decay products

Under normal conditions of storage and use, hazardous decay products should not form.

SECTION 11: Toxicological information

11.1. Information on the hazard classes set out in Regulation (EC) No 1272/2008

Acute toxicity (oral)	: Not classified (Based on the available data, the classification criteria are not met)
Acute toxicity (dermal)	: Not classified (Based on the available data, the criteria for classification)
Acute toxicity (inhalation)	: Not classified (Based on the available data, the criteria for classification)
Skin corrosion/irritation	: Not classified (Based on the available data, the criteria for classification)
Serious eye damage/eye irritation	: Not classified (Based on the available data, the criteria for classification)
Sensitization of the respiratory tract or skin	: Not classified (Based on the available data, the criteria for classification)
Germ cell mutagenicity	: Not classified (Based on the available data, the criteria for classification)

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Carcinogenicity	: Not classified (Based on the available data, the classification criteria are not met)
Reproductive toxicity	: Not classified (Based on the available data, the criteria for classification)
WTO (Specific Organ Toxicity) – Single Exposure	: Not classified (Based on the available data, the classification criteria are not met)
STW (Specific Organ Toxicity) – repeated exposure	: Not classified (Based on the available data, the classification criteria are not met)
Inhalation hazard	: Not classified (Based on the available data, the classification criteria are not met)
No further information available	

11.2. Information on other hazards

SECTION 12: Environmental information

12.1. Toxicity

Ecology - total	: The product is not considered harmful to aquatic organisms and does not cause long-term adverse effects on the environment.
Hazardous to the aquatic environment, short-term (acute)	: Not classified (Based on the available data, the criteria for classification)
Hazardous to the aquatic environment, long-term (chronic)	: Not classified (Based on the available data, the criteria for classification)
It does not degrade quickly	

12.2. Stability and degradability

No further information available

12.3. Bioaccumulative capacity

No further information available

12.4. Soil portability

No further information available

12.5. Results of the PBT and vPvB assessment

No further information available

12.6. Endocrine disrupting properties

No further information available

12.7. Other adverse effects

No further information available

SECTION 13: Disposal of waste

13.1. Waste treatment methods

Waste treatment methods	: Discard the contents/container in accordance with the instructions for sorting the licensed waste disposal service.
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SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

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ADR	IMDG	IATA	DNA	RID
14.1. UN List Number or Identification Number				
Not subject to transport regulations				
14.2. Exact name of the UN-listed consignment				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(s)				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.4. Packing group				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental hazards				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
No further information available				

14.6. Special precautions for consumers

Road transport

Not regulated

Transport by sea

Not regulated

Air transport

Not regulated

Inland waterway transport

Not regulated

Rail

Not regulated

14.7. Maritime transport of cargo in bulk according to instruments of the International Maritime Organization

Not applicable

SECTION 15: Regulatory information

15.1. Substance or mixture-specific safety, health and environmental legislation/legislation

15.1.1. EU regulations

REACH, Annex XVII (Conditions for restriction)

Does not contain substance(s) listed in Annex XVII of REACH (Restriction Conditions)

REACH, Annex XIV (List of substances for authorisation)

Does not contain substance(s) listed in Annex XIV of REACH (List of Substances for Authorisation)

REACH, Candidate List (SVHC)

Does not contain substance(s) included in the REACH Candidate List

PIC Regulation (EU 649/2012, Prior Informed Consent)

Does not contain PIC listed substance(s) (EU Regulation 649/2012 on exports and imports of hazardous chemicals)

POPs Regulation (EU 2019/1021, Persistent Organic Pollutants)

Does not contain POPs-listed substance(s) (EU Regulation 2019/1021 on persistent organic pollutants)

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Regulation on substances that deplete the ozone layer (EU 1005/2009)

Does not contain substance(s) included in the list of substances that deplete the ozone layer (Regulation EC 1005/2009 on substances that deplete the ozone layer)

Regulation on explosives precursors (EU 2019/1148)

Does not contain substance(s) included in the list of explosives precursors (EU Regulation 2019/1148 on the marketing and use of explosives precursors)

Regulation on drug precursors (EC 273/2004)

Does not contain substance(s) included in the list of Precursors of narcotic substances (Regulation EC 273/2004 on the manufacture and placing on the market of certain substances used for the illicit manufacture of narcotic drugs or psychotropic substances)

15.1.2. National provisions

No further information available

15.2. Safety assessment of the chemical substance or mixture

No chemical safety assessment carried out

SECTION 16: Other Information

Abbreviations and acronyms:	
COD (Chemical Oxygen Demand)	Chemical oxygen demand (COD)
DNA	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute toxicity assessment
BCF	Bioconcentration factor
BLV (Biological Limit Value)	Biological limit value
BOD	Biochemical oxygen demand (BOD)
CASE	Chemical Abstracts Service (a division of the American Chemical Society)
CLP	Classification, Labelling and Packaging Regulation; Regulation (EC) No 1272/2008
DMEL	Minimum active dose/concentration obtained
DNEL	Inactive dose/concentration received
EC50	Average effective concentration
EC No.	European Community number
CASE No	Chemical Index Service number
IN	European standard
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Code for the Carriage of Dangerous Goods by Sea
IGSPE	Indicative occupational exposure limits
LC50	Average lethal concentration
LD50	Average lethal dose
LOAEL	The lowest dose at which an adverse effect is observed
N.U.K.	Unspecified

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Abbreviations and acronyms:	
NOAEC	Concentration without observed adverse effect
NOAEL	Level with no observed adverse effect
NOEC	Concentration without observed effects
OECD	Organisation for Economic Co-operation and Development
OIL	Workplace exposure limit value
PBT	Sustainable, bioaccumulative and toxic
PNEC	Suspected inactive concentration
Pow (log)	N-octanol/water partition coefficient
REACH	Registration, evaluation, authorisation and restriction of chemicals; Regulation (EC) No 1907/2006
RID	Regulations on the International Carriage of Dangerous Goods by Rail
ILB	Safety Data Sheet
STP	Wastewater treatment plant
TPK	Theoretical oxygen demand (ThOD)
TLM	Medium level of toxicity
TRGS	Technical rules for hazardous substances
MOOSE	Volatile organic compounds
vPvB	Very sustainable and very bioaccumulative
WGK	Water hazard class

Data sources : Classification in accordance with Regulation (EC) No 1272/2008 [CLP]. ECHA (European Chemicals Agency). Supplier safety documents.

The classification is in accordance with the : ATP 12

Safety Data Sheet (SDS), EU

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