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

· **1.1 Product identifier**

· **Trade name** **tesafix 4972**

· **1.2 Relevant identified uses of the substance or mixture and uses advised against** No further relevant information available.

· **Product category** PC0 Other
PC1 Adhesives, sealants

· **Application of the substance / the mixture** Adhesive tape

· **1.3 Manufacturer/Supplier:**
tesa SE
Hugo-Kirchberg-Strasse 1
D-22848 Norderstedt
Tel.: +49-40-88899-101
Germany

· **Informing department:** tesa SE, Corporate Regulatory Affairs
SDS@tesa.com, Tel.: +49-40-88899-6954

· **1.4 Emergency telephone number:** Reception Headquarters
tesa SE, Hugo-Kirchberg-Str. 1, 22848 Norderstedt, Germany
Phone: +49 40 88899 2667 (Mon.-Thurs. 07:00-18:00h, Fr. 07:00-15:00h)

* SECTION 2: Hazards identification

· **2.1 Classification of the substance or mixture**

· **Classification according to Regulation (EC) No 1272/2008** The product is not classified, according to the GB CLP regulation.

· **2.2 Label elements**

· **Labelling according to Regulation (EC) No 1272/2008** The product is considered an article according to Article 3 of Regulation (EC) No 1907/2006 (UK REACH) and does not require labelling according to Article 1 of Regulation (EC) No 1272/2008 (GB CLP).
For articles, the provision of a safety data sheet is not required under Article 31 of Regulation (EC) No 1907/2006 (UK REACH). The provision of information in the format of a safety data sheet is on a voluntary basis.

· **Hazard pictograms** Void

· **Signal word** Void

· **Hazard statements** Void

· **2.3 Other hazards** The product contains no elutable organic halogens, which will increase the AOX-values of the waste water.
This product doesn't consist of any halogenated organic compounds (AOX), Nitrates, Heavy Metals (sigma<100 ppm) and Formaldhyde.

· **Results of PBT and vPvB assessment**

· **PBT:** Not classified

· **vPvB:** Not classified

* SECTION 3: Composition/information on ingredients

· **3.2 Mixtures**

· **Description:** Carrier material: Polyester membrane
Adhesive: Polyacrylic acid ester mixed with adhesive resin
Cover: release paper

· **Dangerous components:** Void

· **Regulation (EC) No 648/2004 on detergents / Labelling for contents** not applicable

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· **Additional information** The wording of the listed hazard statements can be found in section 16.

*
SECTION 4: First aid measures

· **4.1 Description of first aid measures**
· **General information** No special measures required.
· **After inhalation** Void
· **After skin contact** The product is not irritating to the skin.
Rinse with warm water.
· **After eye contact** Void
· **After swallowing** Void
· **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
· **4.3 Indication of any immediate medical attention and special treatment needed** No further relevant information available.

*
SECTION 5: Firefighting measures

· **5.1 Extinguishing media**
· **Suitable extinguishing agents** Use appropriate fire fighting measures.
· **For safety reasons unsuitable extinguishing agents** Water with a full water jet.
· **5.2 Special hazards arising from the substance or mixture** Fires of all kinds of plastics : In plastic fires, smoke particles as well as toxic vapours and gases of indeterminable composition are produced. At low temperatures (pyrolysis), various decomposition products are formed which may be similar to the initial substances. There are hazards associated with the inhalation of such fire gases.
In the event of a fire, may be released:
Nitrogen oxides (NOx)
Carbon monoxide (CO)
Carbon dioxide (CO2)
Under certain fire conditions, traces of other toxic substances cannot be excluded.
· **5.3 Advice for firefighters**
· **Protective equipment:** Put on breathing apparatus.
Do not inhale explosion gases or combustion gases.

*
SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures** Not required.
· **6.2 Environmental precautions:** No special measures required.
· **6.3 Methods and material for containment and cleaning up:** Collect mechanically.
· **6.4 Reference to other sections** No dangerous materials are released.
See Section 7 for information on safe handling
See Section 8 for information on personal protection equipment.
See Section 13 for information on disposal.

*
SECTION 7: Handling and storage

· **7.1 Precautions for safe handling** No special measures required.

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· **Information about protection against explosions and fires:** No special measures required.

· **7.2 Conditions for safe storage, including any incompatibilities**
· **Storage**
· **Requirements to be met by storerooms and containers:** No special requirements.
· **Information about storage in one common storage facility:** Not required.
· **Further information about storage conditions:** None.
· **7.3 Specific end use(s)** No further relevant information available.

*
SECTION 8: Exposure controls/personal protection

· **8.1 Control parameters**
· **Components with critical values that require monitoring at the workplace:**
· **Additional information:** The lists that were valid during the compilation were used as basis.

· **8.2 Exposure controls**
· **Appropriate engineering controls** No further data; see item 7.
· **Individual protection measures, such as personal protective equipment**
· **Breathing equipment:** Not required.
· **Hand protection** Not required.
· **Material of gloves** Suitability and resistance of a glove depend on the conditions of use, such as frequency and duration of contact, chemical resistance of the glove material, thickness and fit of the gloves. As a general rule, the glove manufacturer should be consulted for the necessary information. Contaminated or damaged gloves should be replaced immediately.
· **Penetration time of glove material** The exact breakthrough time must be obtained from the protective glove manufacturer and must be observed.
· **Eye/face protection** Not required.
· **Body protection:** Not required.

*
SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**
· **General Information**

· **Physical state**	Solid.
· **Colour:**	transparent
· **Smell:**	Nearly odourless
· **Odour threshold:**	Not determined.
· **Melting point/freezing point:**	Not determined
· **Boiling point or initial boiling point and boiling range**	Not determined
· **Flammability**	Not determined.
· **Lower and upper explosion limit**	
· **Lower:**	Not determined.
· **Upper:**	Not determined.
· **Flash point:**	Not applicable
· **Decomposition temperature:**	Not determined.
· **pH**	Not applicable.
· **Viscosity:**	
· **Kinematic viscosity**	Not applicable.
· **dynamic:**	Not applicable.

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· **Solubility**	
· **Water:**	Unsoluble
· **Partition coefficient n-octanol/water (log value)**	Not determined.
· **Steam pressure:**	Not applicable.
· **Density and/or relative density**	
· **Density**	Not determined
· **Relative density**	Not determined.
· **Vapour density**	Not applicable.

· **9.2 Other information**	
· **Appearance:**	
· **Form:**	Solid.
· **Important information on protection of health and environment, and on safety.**	
· **Self-inflammability:**	Product is not selfigniting.
· **Explosive properties:**	Product is not explosive.
· **Solvent content:**	
· **Organic solvents:**	Residual solvent content in tape: much smaller than 0,1 weight-%
· **Solids content:**	100.0 %
· **Change in condition**	
· **Evaporation rate**	Not applicable.

· **Information with regard to physical hazard classes**	
· **Explosives**	Void
· **Flammable gases**	Void
· **Aerosols**	Void
· **Oxidising gases**	Void
· **Gases under pressure**	Void
· **Flammable liquids**	Void
· **Flammable solids**	Void
· **Self-reactive substances and mixtures**	Void
· **Pyrophoric liquids**	Void
· **Pyrophoric solids**	Void
· **Self-heating substances and mixtures**	Void
· **Substances and mixtures, which emit flammable gases in contact with water**	Void
· **Oxidising liquids**	Void
· **Oxidising solids**	Void
· **Organic peroxides**	Void
· **Corrosive to metals**	Void
· **Desensitised explosives**	Void

*
SECTION 10: Stability and reactivity

· **10.1 Reactivity**	No further relevant information available.
· **10.2 Chemical stability**	
· **Thermal decomposition / conditions to be avoided:**	No decomposition if used according to specifications.
· **10.3 Possibility of hazardous reactions**	No dangerous reactions known
· **10.4 Conditions to avoid**	No further relevant information available.
· **10.5 Incompatible materials:**	No further relevant information available.

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· **10.6 Hazardous decomposition products:** No dangerous decomposition products known

SECTION 11: Toxicological information

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

· **Acute toxicity**	Based on available data, the classification criteria are not met.
· **Skin corrosion/irritation**	Based on available data, the classification criteria are not met.
· **Serious eye damage/irritation**	Based on available data, the classification criteria are not met.
· **Respiratory or skin sensitisation**	Based on available data, the classification criteria are not met.
· **Germ cell mutagenicity**	Based on available data, the classification criteria are not met.
· **Carcinogenicity**	Based on available data, the classification criteria are not met.
· **Reproductive toxicity**	Based on available data, the classification criteria are not met.
· **STOT-single exposure**	Based on available data, the classification criteria are not met.
· **STOT-repeated exposure**	Based on available data, the classification criteria are not met.
· **Aspiration hazard**	Based on available data, the classification criteria are not met.

· **11.2 Information on other hazards**

· **Endocrine disrupting properties**

None of the ingredients is listed.

*
SECTION 12: Ecological information

· **12.1 Toxicity**

· **Aquatic toxicity:**	No further relevant information available.
· **12.2 Persistence and degradability**	No further relevant information available.
· **12.3 Bioaccumulative potential**	No further relevant information available.
· **12.4 Mobility in soil**	No further relevant information available.

· **12.5 Results of PBT and vPvB assessment**

· **PBT:**	Not applicable.
· **vPvB:**	Not applicable.
· **12.6 Endocrine disrupting properties**	The product does not contain substances with endocrine disrupting properties.

· **12.7 Other adverse effects**

· **Additional ecological information:**

· **According to recipe contains the following heavy metals and compounds according to EC guideline NO. 76/464 EC:** Free of heavy metals (Pb, Cd, Hg, Cr6+)
Free of polybrominated biphenyls (PBBs) and polybrominated diphenyl ethers (PBDEs) in accordance with the RoHS Directive.

· **General notes:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

*
SECTION 13: Disposal considerations

· **13.1 Waste treatment methods**

· **Recommendation** Smaller quantities can be disposed of with household garbage.
Can be applied to a thermal treatment of waste in a waste incineration plant. The country-specific rules and conditions of acceptance has to be clarified with the waste disposal contractor and, if necessary with the competent authority.
Energy recovery: The product can be applied to a suitable waste incineration plant for mixed waste.
Energy recovery by incineration in an approved waste incineration plant.
Consider the applicable regulations of the country, the State or local area.
For larger amounts of waste: consult the authorities prior the disposal.

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· **Additional information about the European waste catalogue:** The waste code number given above is therefore only a possible recommendation. Disposal should be carried out in compliance with the legal regulations after consultation with the competent local authority and the disposal company in a suitable facility approved for this purpose. According to EU Directive 2000/532/EC in conjunction with Directive 75/442/EEC, the assignment of a waste code number must be carried out on a sector-specific basis and in consultation with the regional disposal company.

· **Uncleaned packagings:** Void
· **Recommendation:** Disposal according to official regulations.

*
SECTION 14: Transport information

· **14.1 UN number or ID number** · **ADR, ADN, IMDG, IATA**	Void
· **14.2 UN proper shipping name** · **ADR, ADN, IMDG, IATA**	Void
· **14.3 Transport hazard class(es)** · **ADR, ADN, IMDG, IATA** · **Class**	Void
· **14.4 Packing group** · **ADR, IMDG, IATA**	Void
· **14.5 Environmental hazards:**	Not applicable.
· **14.6 Special precautions for user**	Not applicable.
· **14.7 Maritime transport in bulk according to IMO instruments**	Not applicable.
· **Transport/Additional information:**	Not dangerous according to the above mentioned specifications.
· **UN "Model Regulation":**	Void

*
SECTION 15: Regulatory information

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

· **Directive 2012/18/EU**
· **Named dangerous substances - ANNEX I** None of the ingredients is listed.

· **National regulations** avoids
· **Additional classification according to Decree on Hazardous Materials, Annex III:** Void

· **Information about limitation of use:** Void

· **Decree to be applied in case of technical fault:** Void
· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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SECTION 16: Other information

This data is based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.
This product (this product group) is not a hazardous substance in the sense of the currently valid GefStoffV. This safety data sheet is therefore not subject to the automatic amendment service according to GefStoffV § 6 para. 1.

· **Department issuing data specification sheet:** tesa SE, Corporate Regulatory Affairs

· **Contact:** tesa SE, Corporate Regulatory Affairs, Email: SDS@tesa.com, Tel.: +4940-88899-0

· **Abbreviations and acronyms:**
ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative

· *** Data compared to the previous version altered.**