

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 13.01.2023

Version number 37 (replaces version 36)

Revision: 13.01.2023

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

- **1.1 Product identifier**
- **Trade name** tesa 4432
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Product category** No further relevant information available.  
PC0 Other  
PC1 Adhesives, sealants
- **Application of the substance / the mixture** Splinter protection  
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.

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- **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 Formaldehyde.
- **Results of PBT and vPvB assessment**
- **PBT:** Not classified
- **vPvB:** Not classified

**\* SECTION 3: Composition/information on ingredients**

- **3.2 Mixtures**
- **Description:** Carrier: Paper  
Impregnation: Acrylic acid ester copolymerisate  
Adhesive: Mixture of natural rubber and hydrocarbon resins, filled with zinc oxide and aluminium silicate.

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Separating layer: Mixture of carboxylated styrene/butadiene copolymer and a substance with stearyl groups

- **Dangerous components:** Void
- **Regulation (EC) No 648/2004 on detergents / Labelling for contents** not applicable
- **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** In the event of a fire, may be released:  
Nitrogen oxides (NO<sub>x</sub>)  
Carbon monoxide (CO)  
Carbon dioxide (CO<sub>2</sub>)  
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.

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**SECTION 7: Handling and storage**

- **7.1 Precautions for safe handling**      No special measures required.
- **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:**      According to product specification
- **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.

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· pH	Not applicable.
· Viscosity:	
· Kinematic viscosity	Not applicable.
· dynamic:	Not applicable.
· 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.
<b>· 9.2 Other information</b>	
· Appearance:	
· Form:	Solid.
<b>· Important information on protection of health and environment, and on safety.</b>	
· 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.
<b>· Information with regard to physical hazard classes</b>	
· 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

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- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **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:** Generally not hazardous for water.

**SECTION 13: Disposal considerations**

- **13.1 Waste treatment methods**
- **Recommendation**
  - Smaller quantities can be disposed of with household garbage.
  - 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**

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

None

· **Information about limitation of use:**

None

· **Decree to be applied in case of technical fault:**

None

· **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.**