

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

Printing date 10.03.2017

Version number 28

Revision: 10.03.2017

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

- 1.1 Product identifier
- Trade name **tesa 4432**
- 1.2 Relevant identified uses of the substance or mixture and uses advised against
No further relevant information available.
- Application of the substance / the mixture
Adhesive Tape
- Manufacturer/Supplier: tesa SE Tel.: +49-40-88899-101
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D-22848 Norderstedt
Germany
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or +49-40-88899-9111

*** 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 CLP regulation.
- 2.2 Label elements
- Labelling according to Regulation (EC) No 1272/2008
Void
- 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 Chemical characterisation: Mixtures
- Description: Backing: paper
Saturation: Acrylic acid ester copolymer
Adhesive: Mixture of natural rubber and hydrocarbon resins, filled with zinc oxide and aluminium silicate
Release: Mixture of a styrene/butadiene copolymer with carboxylic groups and a substance with stearyl groups
- Dangerous components: Void
- SVHC
Free of any SVHC substances or < 0.1 %
- Regulation (EC) No 648/2004 on detergents / Labelling for contents
not applicable
- Additional information
For the wording of the listed hazard phrases refer to section 16.

*** SECTION 4: First aid measures**

- 4.1 Description of first aid measures
- General information
No special measures required.

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- After inhalation Void
- After skin contact The product is not skin irritating.
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 CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
- 5.2 Special hazards arising from the substance or mixture Can be released in case of fire:
Nitrogen oxide (NO_x)
Carbon monoxide (CO)
- 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.
- 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**

- Additional information about design of technical systems: No further data; see item 7.

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- **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**
- **Personal protective equipment**
- **Breathing equipment:** Not required.
- **Protection of hands:** Not required.
- **Eye protection:** Not required.
- **Body protection:** Not required.

* SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**
 - **Form:** Solid.
 - **Colour:** According to product specification
 - **Smell:** Nearly odourless
 - **Odour threshold:** Not determined.
- **pH-value:** Not applicable.
- **Change in condition**
 - **Melting point/freezing point:** Not determined
 - **Initial boiling point and boiling range:** Not determined
- **Flash point:** Not applicable
- **Inflammability (solid, gaseous)** Not determined.
- **Ignition temperature:**
- **Decomposition temperature:** Not determined.
- **Self-inflammability:** Product is not selfigniting.
- **Explosive properties:** Product is not explosive.
- **Critical values for explosion:**
 - **Lower:** Not determined.
 - **Upper:** Not determined.
- **Steam pressure:** Not applicable.
- **Density** Not determined
- **Relative density** Not determined.
- **Vapour density** Not applicable.
- **Evaporation rate** Not applicable.
- **Solubility in / Miscibility with**
 - **Water:** Insoluble
- **Partition coefficient: n-octanol/water:** Not determined.
- **Viscosity:**
 - **dynamic:** Not applicable.
 - **kinematic:** Not applicable.
- **Solvent content:**
 - **Organic solvents:** 0.0 %
- **Solids content:** 100.0 %
- **9.2 Other information** No further relevant information available.

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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.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.
- **Primary irritant effect:**
- **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.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **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.

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.
- **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) according to RoHS Directive.
- **General notes:** Generally not hazardous for water.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

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.

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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.

· European waste catalogue (recommendation)
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15 01 02 plastic packaging

· Additional information about the European waste catalogue:

The assignment of a waste key number according to EC Decision 2000/532/EC in connection with EU Directive 75/442/EC has to follow specific industry requirements. The above mentioned classification is only one possible proposal.

· Uncleaned packagings:

· Recommendation:

Disposal according to official regulations.
Emptied packagings can be disposed in regard to local / national recycling regulations such as Green Dot Program.

* SECTION 14: Transport information
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· 14.1 UN-Number	Void
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· ADR, ADN, IMDG, IATA	Void
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· 14.2 UN proper shipping name	Void
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· ADR, ADN, IMDG, IATA	Void
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· 14.3 Transport hazard class(es)	Void
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· ADR, ADN, IMDG, IATA	Void
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· Class	Void
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· 14.4 Packing group	Void
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· ADR, IMDG, IATA	Void
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· 14.5 Environmental hazards:	Not applicable.
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· 14.6 Special precautions for user	Not applicable.
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· 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
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· Transport/Additional information:	Not dangerous according to the above mentioned specifications.
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· UN "Model Regulation":	Void
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* SECTION 15: Regulatory information

· 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
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· Directive 2012/18/EU	
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· Named dangerous substances - ANNEX I	None of the ingredients is listed.
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· National regulations	
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· Additional classification according to Decree on Hazardous Materials, Annex III:	None
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· Information about limitation of use:	None
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· Decree to be applied in case of technical fault:	None
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· Water hazard class:	Generally not hazardous for water.
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· 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 (product group) is due to the current EC Legislation a nonhazardous material. Therefore this document is not going to be updated on a regular basis.

· Department issuing data**specification sheet:**

tesa SE, Quality Management/Environment/Safety

· Contact:

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· Abbreviations and acronyms:

ADR: Accord européen sur le transport 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

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

· * Data compared to the previous version altered.