

Safety Data Sheet acc. to OSHA HCS

Printing date 01/21/2023


Reviewed on 01/21/2023

* 1 Identification

- **Product identifier**
- **Trade name** **tesa 4328**
- **Application of the substance / the mixture** Adhesive tape
- **Manufacturer/Supplier:** tesa SE Tel.: +49-40-88899-101
Hugo-Kirchberg-Str. 1
D-22848 Norderstedt
Germany
- **Informing department:** tesa SE, Corporate Regulatory Affairs
SDS@tesa.com, Tel.: +49-40-88899-6954
- **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)

* 2 Hazard(s) identification

- **Classification of the substance or mixture** The product is not classified, according to the Globally Harmonized System (GHS).
- **Label elements**
- **GHS label elements** The product is classified and labeled according to the CLP regulation.
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Classification system**
- **NFPA ratings (scale 0-4)**



Health = 0
 Fire = 0
 Reactivity = 0
- **HMIS ratings (scale 0-4)**

| | |
|------------|---|
| HEALTH | 0 |
| FIRE | 0 |
| REACTIVITY | 0 |

Health = 0
 Fire = 0
 Reactivity = 0
- **Other hazards** The product contains no elutable organic halogens, which will increase the AOX-values of the waste water.
The product does not contain organically bound halogen compounds (AOX), nitrates, heavy metal compounds (sum below 100 ppm) and formaldehyde.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

* 3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Carrier: Paper
 Impregnation: butadiene/styrene copolymerizate
 Adhesive: mixture of natural rubber and adhesive resins, filled with color pigments (fillers)
 Release layer: mixture of carboxylated styrene/butadiene copolymer and a substance with stearyl groups
- **Dangerous components:** Void
- **Additional information** The wording of the listed hazard statements can be found in section 16.

* 4 First-aid measures

- **Description of first aid measures**
- **General information** No special measures required.
- **After inhalation** Void

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- **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.
- **Specific end use(s)** No further relevant information available.

*** 8 Exposure controls/personal protection**

- **Additional information about design of technical systems:** No further data; see item 7.
- **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.
- **Exposure controls**
- **Personal protective equipment**
- **Breathing equipment:** Not required.
- **Protection of hands:** 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 protection:** Not required.

*** 9 Physical and chemical properties**

| | |
|--|------------------------------------|
| · Information on basic physical and chemical properties | |
| · General Information | |
| · Appearance: | |
| Form: | Solid. |
| Colour: | According to product specification |
| · Smell: | Nearly odourless |
| · Odor threshold: | Not determined. |
| · pH-value: | Not applicable. |
| · Change in condition | |
| Melting point/Melting range: | Not determined |
| Boiling point/Boiling range: | Not determined |
| · Flash point: | Not applicable |
| · Inflammability (solid, gaseous) | Not applicable |
| · Ignition temperature: | Not applicable |
| · Decomposition temperature: | Not determined. |
| · Self-inflammability: | Product is not selfigniting. |
| · Danger of explosion: | Product is not explosive. |
| · Critical values for explosion: | |
| Lower: | Not determined. |

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| | |
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| Upper: | Not determined. |
| · Steam pressure: | Not applicable. |
| · Density | Not determined |
| · Relative density | Not determined. |
| · Vapor density | Not applicable. |
| · Evaporation rate | Not applicable. |
| · Solubility in / Miscibility with Water: | Unsoluble |
| · Partition coefficient (n-octanol/water): | Not determined. |
| · Viscosity: dynamic: | Not applicable. |
| kinematic: | Not applicable. |
| · Solvent content: Organic solvents: | Residual solvent content in tape: much smaller than 0,1 weight-% |
| Solids content: | 100.0 % |
| · Other information | No further relevant information available. |

***10 Stability and reactivity**

| | |
|---|---|
| · Reactivity | No further relevant information available. |
| · Chemical stability | |
| · Thermal decomposition / conditions to be avoided: | No decomposition if used according to specifications. |
| · Possibility of hazardous reactions | No dangerous reactions known |
| · Conditions to avoid | No further relevant information available. |
| · Incompatible materials: | No further relevant information available. |
| · Hazardous decomposition products: | No dangerous decomposition products known |

***11 Toxicological information**

| | |
|---|--|
| · Information on toxicological effects | |
| · Acute toxicity: | |
| · Primary irritant effect: on the eye: | No irritant effect. |
| · Sensitization: | No sensitizing effect known. |
| · Additional toxicological information: | The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version: When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us. |

· Carcinogenic categories

| | |
|---|------------------------------------|
| · IARC (International Agency for Research on Cancer) | None of the ingredients is listed. |
| · NTP (National Toxicology Program) | None of the ingredients is listed. |
| · OSHA-Ca (Occupational Safety & Health Administration) | None of the ingredients is listed. |

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***12 Ecological information**

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behaviour in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **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.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

***13 Disposal considerations**

- **Waste treatment methods**
- **Recommendation** Smaller quantities can be disposed 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.
- **Uncleaned packagings:** Void

14 Transport information

| | |
|--|--|
| · UN-Number | |
| · DOT, ADR, ADN, IMDG, IATA | Void |
| · UN proper shipping name | |
| · DOT, ADR, ADN, IMDG, IATA | Void |
| · Transport hazard class(es) | |
| · DOT, ADR, ADN, IMDG, IATA | |
| · Class | Void |
| · Packing group | |
| · DOT, ADR, IMDG, IATA | Void |
| · Environmental hazards: | Not applicable. |
| · Special precautions for user | Not applicable. |
| · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |
| · Transport/Additional information: | Not dangerous according to the above specifications. |
| · UN "Model Regulation": | Void |

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*** 15 Regulatory information**

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

· **Hazardous Air Pollutants**

None of the ingredients is listed.

· **Carcinogenicity categories**

· **TLV (Threshold Limit Value)**

None of the ingredients is listed.

· **MAK (German Maximum Workplace Concentration)**

None of the ingredients is listed.

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

· **National regulations** avoids

· **Additional classification according to Decree on Hazardous Materials, Annex II:** Void

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

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

· **Other regulations, limitations and prohibitive regulations**

· **SARA Section 313**

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· **SARA section 355**

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· **Proposition 65 - Cancer**

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· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

*** 16 Other information**

These data are 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

· **Date of preparation / last revision**

01/21/2023

· **Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

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

DOT: US Department of Transportation

IATA: International Air Transport Association

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)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

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REL: Recommended Exposure Limit

· * Data compared to the previous
version altered.

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