

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

Printing date 07.05.2013

Revision: 23.01.2012

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

- **Product identifier**
- **Trade name** tesa 4970, 7149
- **Article number:** tesa 7149
- **Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the substance / the preparation** Adhesive Tape
- **Manufacturer/Supplier:** tesa SE Tel.: +49-40-4909-101  
Quickbornstrasse 24  
D-20253 Hamburg  
Germany
- **Informing department:** tesa SE, Quality Management/Environment/Safety, Mr. Dr. Lamm  
Dirk.Lamm@tesa.com, Phone: +49-40-4909-2977  
Head of Corporate Occupational Safety (Beiersdorf AG), Mr. Ziebell  
Hubertus.Ziebell@Beiersdorf.com, Phone: +49-40-4909-4543
- **Emergency telephone number:** tesa SE, Quickbornstr. 24, D-20253 Hamburg  
Security Center Quickbornstr. Phone +49-40-4909-2442  
or +49-40-4909-101

**\* 2 Hazards identification**

- **Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008** Void

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- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC** not classified
- Void

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- **Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void

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

- **Chemical characterization: Mixtures**
- **Description:** Backing: rigid vinyl-film  
Adhesive: Mixture of polyacrylic acid ester and resin  
Liner: release paper
- **Dangerous components:** Void
- **Regulation (EC) No 648/2004 on detergents / Labelling for contents** not applicable

**\* 4 First aid measures**

- **Description of first aid measures**
- **General information** No special measures required.
- **After inhalation** Void
- **After skin contact** Rinse with warm water.  
The product is not skin irritating.
- **After eye contact** Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.

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- *After swallowing* Void
- *Information for occupational physician.* Void
- *Most important symptoms and effects, both acute and delayed* Void
- *Indication of any immediate medical attention and special treatment needed* Void

**\* 5 Firefighting measures**

- *Extinguishing media*
- *Suitable extinguishing agents* *CO2, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.*
- *Special hazards arising from the substance or mixture* *Can be released in case of fire:  
Nitrogen oxides (NOx)  
Carbon monoxide (CO)  
Hydrogen chloride (HCl)  
Combustion of all kinds of plastics: with plastic combustion smoke particle develops as well as toxic steams and gases in indefinable composition. At low temperatures (pyrolysis) various decomposition products can be developed, which can be similar to the source materials. Human risk exists with the inhalation of such fire gases.*
- *Advice for firefighters*
- *Protective equipment:* *Do not inhale explosion gases or combustion gases.  
No special measures required.*
- *Additional information* *None*

**6 Accidental release measures**

- *Personal precautions, protective equipment and emergency procedures* *Not required.*
- *Environmental precautions:* *No special measures required.*
- *Methods and material for containment and cleaning up:* *No special measures required.*
- *Reference to other sections* *No dangerous materials are released.*

**7 Handling and storage**

- *Handling*
- *Precautions for safe handling* *No special measures required.*
- *Information about protection against explosions and fires:* *No special measures required.*
- *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.*

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· **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**
- **General protective and hygienic measures** *The usual precautionary measures should be adhered to in handling the chemicals.*
- **Breathing equipment:** *Not required.*
- **Protection of hands:** *Not required.*
- **Body protection:** *Not required.*  
*Void*

**9 Physical and chemical properties**

|  |   |
|--|---|
| · <b>Information on basic physical and chemical properties</b> |   |
| · <b>General Information</b>                                   |   |
| · <b>Appearance:</b>   |   |
| <b>Form:</b>   | <i>Solid material.</i>                            |
| <b>Colour:</b>   | <i>According to product specification</i>         |
| · <b>Smell:</b>  | <i>Nearly odourless</i>                           |
| · <b>Change in condition</b>                                   |   |
| <b>Melting point/Melting range:</b>                            | <i>Not determined</i>                             |
| <b>Boiling point/Boiling range:</b>                            | <i>Not determined</i>                             |
| · <b>Flash point:</b>  | <i>Not applicable</i>                             |
| · <b>Inflammability (solid, gaseous)</b>                       | <i>Not applicable</i>                             |
| · <b>Ignition temperature:</b>                                 | <i>Not applicable</i>                             |
| · <b>Self-inflammability:</b>                                  | <i>Product is not selfigniting.</i>               |
| · <b>Danger of explosion:</b>                                  | <i>Product is not explosive.</i>                  |
| · <b>Density</b>   | <i>Not determined</i>                             |
| · <b>Solubility in / Miscibility with Water:</b>               | <i>Unsoluble</i>                                  |
| · <b>Viscosity:</b>  |   |
| <b>dynamic:</b>  | <i>Not determined.</i>                            |
| <b>kinematic:</b>  | <i>Not determined.</i>                            |
| · <b>Solvent content:</b>                                      |   |
| <b>Organic solvents:</b>                                       | <i>0.0 %</i>                                      |
| · <b>Other information</b>                                     | <i>No further relevant information available.</i> |

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### 10 Stability and reactivity

- **Reactivity**
- **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 skin:** *No 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.*

### \* 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:**
- **General notes:** *Not known to be hazardous to water.*
- **Other adverse effects** *No further relevant information available.*

### \* 13 Disposal considerations

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

15 01 02 | plastic packaging

- **Uncleaned packagings:**
- **Recommendation:** *Disposal according to official regulations.*

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### 14 Transport information

|  |  |
|--|--|
| · UN-Number<br>· ADR, ADN, IMDG, IATA                                      | Void   |
| · UN proper shipping name<br>· ADR, ADN, IMDG, IATA                        | Void   |
| · Transport hazard class(es)<br>· ADR, ADN, IMDG, IATA<br>· Class          | Void   |
| · Packing group<br>· ADR, IMDG, IATA                                       | Void   |
| · Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code | Not applicable.  |
| · Transport/Additional information:  | Not dangerous according to the above mentioned specifications. |
| · UN "Model Regulation":   | -  |

### \*15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- National regulations
- 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

### 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.*

- Department issuing data specification sheet: tesa SE, Quality management/environment/safety
- Contact: tesa SE : Dr. Lamm Phone: +49-40-4909-2977  
Corporate Occupational Safety (Beiersdorf AG): H. Ziebell Phone: +49-40-4909-4543
- 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)  
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)  
GHS: Globally Harmonized System of Classification and Labelling of Chemicals