

# Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 24.10.2007

Revision: 09.05.2007

## \* 1 Identification of substance

- **Product details**
- **Trade name** tesa 4651
- **Application of the substance / the preparation** adhesive tape
- **Manufacturer/Supplier:** tesa AG Tel.: +49-40-4909-101  
Quickbornstr. 24  
D-20253 Hamburg  
Germany
- **Informing department:** tesa AG, Quality Management/Environment/Safety, Mr. Dr. Lamm  
Dirk.Lamm@tesa.com, Phone: +49-40-4909-2977  
Safety and Environmental Protection (Beiersdorf AG), Mr. Ziebell  
Hubertus.Ziebell@Beiersdorf.com, Phone: +49-40-4909-4543
- **Emergency information:** tesa AG, Quickbornstr. 24, D-20253 Hamburg  
Security Center Quickbornstr. Phone +49-40-4909-2442  
or +49-40-4909-101

## 2 Hazards identification

- **Hazard designation:** not applicable
- **Classification system** The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

## 3 Composition/information on ingredients

- **Chemical characterization**
- **Description:** Backing: Cellulose woven  
Saturation: Acrylic acid ester copolymer  
Release: Vinyl chloride copolymer  
Adhesive: Mixture of natural rubber and resin, filled with colour pigments (fillers)
- **Dangerous components:** Void

## 4 First aid measures

- **After inhalation** Void
- **After skin contact** Void
- **After eye contact** Rinse opened eye for several minutes under running water.
- **After swallowing** Void
- **Information for occupational physician.** Void
- **The following symptoms may occur:** Void
- **Treatment** Void

## 5 Fire fighting measures

- **Suitable extinguishing agents** CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
- **Special hazards caused by the material, its products of combustion or flue gases:** Nitrogen oxides (NO<sub>x</sub>)  
Carbon monoxide (CO)  
Hydrogen chloride (HCl)

(Contd. on page 2)

## Safety Data Sheet

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(Contd. of page 1)

- **Protective equipment:** No special measures required.
- **Additional information** None

### 6 Accidental release measures

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:** No special measures required.
- **Measures for cleaning/collecting:** No special measures required.
- **Additional information:** No dangerous materials are released.

### 7 Handling and storage

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

### 8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Components with critical values that require monitoring at the workplace:**
- **Additional information:** The lists that were valid during the compilation were used as basis.
- **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:** Void

### 9 Physical and chemical properties:

· <b>General Information</b>	
· <b>Form:</b>	Solid material.
· <b>Colour:</b>	Various colours
· <b>Smell:</b>	Nearly odourless
· <b>Change in condition</b>	
· <b>Melting point/Melting range:</b>	Not determined
· <b>Boiling point/Boiling range:</b>	Not determined
· <b>Flash point:</b>	Not applicable
· <b>Inflammability (solid, gaseous)</b>	Not applicable

(Contd. on page 3)

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(Contd. of page 2)

· <b>Ignition temperature:</b>	Not applicable
· <b>Self-inflammability:</b>	Product is not selfigniting.
· <b>Danger of explosion:</b>	Product is not explosive.
· <b>Density</b>	Not determined
· <b>Solubility in / Miscibility with Water:</b>	Unsoluble
· <b>Solvent content:</b>	
<b>Organic solvents:</b>	0.0 %

### 10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known
- **Dangerous products of composition:** No dangerous decomposition products known

### 11 Toxicological information

- **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 contains in the adhesive a small amount of a colophonium resin. Colophonium resins may cause skin irritations. 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. 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:

### 12 Ecological information:

- **General notes:** Not known to be hazardous to water.

### 13 Disposal considerations

- **Product:**
- **Recommendation** Smaller quantities can be disposed with household garbage.

#### · **European waste catalogue (recommendation)**

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 must be made according to official regulations.

(Contd. on page 4)

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(Contd. of page 3)

### 14 Transport information

- Land transport ADR/RID and GGVS/GGVE (cross-border/domestic)
- ADR/RID-GGVS/E Class: -

- Maritime transport IMDG/GGVSea:
- IMDG/GGVSea Class: -

- Air transport ICAO-TI and IATA-DGR:
- ICAO/IATA Class: -

- Transport/Additional information:

*Not dangerous according to the above specifications.*

### 15 Regulatory information

- Designation according to EC guidelines:

*Observe the normal safety regulations when handling chemicals  
The product is not subject to identification regulations under EC Directives and the Ordinance on Hazardous Materials (GefStoffV).*

- 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:

*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.*

- Department issuing data specification sheet:

*tesa AG, Quality management/environment/safety*

- Contact:

*tesa AG : Dr. Lamm Phone: +49-40-4909-2977*

*Occupational Hygiene (Beiersdorf AG): H. Ziebell Phone: +49-40-4909-4543*