

Material Safety Data Sheet
According to 91/155 EEC and 2001/58 EC

Printing date 18.10.2006

Reviewed on 14.11.2001

*** 1 Identification of substance**

- **Product details**
- **Trade name** tesa 4323 HM
- **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, Dr. Lamm Tel.: +49-40-4909-2977
Safety and Environmental protection (Beiersdorf AG), H. Ziebell Tel.: +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 Composition/Data on components:**

- **Chemical characterization**
- **Description:** Backing: paper
Adhesive: Mixture of natural rubber and resin, filled with colour
pigments (fillers)
Saturation: Butadiene/Styrene copolymer
- **Dangerous components:**
Void

*** 3 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.

*** 4 First aid measures**

- **General information** No special measures required.
- **After inhalation** Void
- **After skin contact** Wash with water and acidic soap.
- **After eye contact** Rinse opened eye for several minutes under running water.
- **After swallowing** Void

5 Fire fighting measures

- **Suitable extinguishing agents** CO₂, 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_x)
Carbon monoxide (CO)
- **Protective equipment:** No special measures required.

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6 Accidental release measures

- **Person-related safety precautions:** *Not required.*
- **Measures for environmental protection:** *No special measures required.*
- **Measures for cleaning/collecting:** *Collect mechanically.*
- **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.*
- **Material of gloves** *The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.*
- **Eye protection:** *Not required.*

*** 9 Physical and chemical properties:**

· General Information	
Form:	<i>Solid.</i>
Colour:	<i>White</i>
Smell:	<i>Characteristic</i>
· Change in condition	
Melting point/Melting range:	<i>Not determined</i>
Boiling point/Boiling range:	<i>Not determined</i>
· Flash point:	<i>Not applicable</i>
· Self-inflammability:	<i>Product is not selfigniting.</i>

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· Danger of explosion:	<i>Product is not explosive.</i>
· Density	<i>Not determined</i>
· Solubility in / Miscibility with Water:	<i>Insoluble</i>
· Solvent content: Organic solvents:	<i>0.0 %</i>
· Solids content:	<i>100.0 %</i>

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:** *Sensitization possible by skin contact.*
- **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:

- **General notes:** *Generally not hazardous for water.*

* 13 Disposal considerations

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

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

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

14 Transport information

- **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*

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The product is not subject to identification regulations under EC Directives and the Ordinance on Hazardous Materials (GefStoffV).

· **National regulations**

· **Water hazard class:**

Generally not hazardous for water.

***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

· *** Data compared to the previous version altered.**
