

# tesa® 51930

Aggressive Double-Sided Polyurethane Tape for Permanent Mounting

## PRODUCT INFORMATION

### Product Description

tesa® 51930 is a gray, polyurethane foam tape with a weather and age resistant acrylic adhesive, guaranteeing a secure, long-term bond for indoor or outdoor applications. It is highly resistant against fuel and other chemicals and offers high adhesion values. tesa® 51930 has excellent shear properties and features a green polyethylene liner for easy, one-piece removal. It is used in applications where high adhesion as well as thickness is required. Available Colors: Gray

### Main Application

- Bonding of display elements
- Bonding of signs and letters to walls, both inside and outside
- Bonding of trim to a variety of substrates, both smooth and rough

### Technical Data

■ Backing material	PU foam	■ Type of adhesive	acrylic
■ Total thickness	812.8 µm 32 mils	■ Type of liner	PE

### Adhesion to

■ Steel (initial)	10.9 N/cm 99.6 oz/in
-------------------	-------------------------

#### tesa tape, inc.

5825 Carnegie Boulevard  
Charlotte, NC 28209  
Phone: 704 554 0707  
Toll Free: 800 426 2181  
Fax: 800 852 8831  
customer@tesatape.com

#### Technical Tape

#### México S.A. de C.V.

Av. Santa Fe No. 170  
German Centre P 6-3-3Col.  
Lomas de Santa Fe  
Mexico D.F. C.P. 01210  
Phone: +52 (55) 5292 6978  
Fax: +52 (55) 5292 6977

tesa® products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless tesa SE can make no warranties, expressed or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. Therefore, the user is responsible for determining whether the tesa® product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support staff will be glad to advise you.

## Material Safety Data Sheet

acc. to ISO/DIS 11014

Printing date 12/18/2002

Reviewed on 05/02/2001

### \* 1 Identification of substance

· **Product details**

· **Trade name**

tesafix 51930

· **Manufacturer/Supplier:**

tesa AG  
Quickbornstr. 24  
D-20253 Hamburg

Tel.: +49-40-4909-101

· **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: Polyethylene foam  
Adhesive: Polyacrylic acid ester  
Liner: release paper

· **Dangerous components:**

Void

### 3 Hazards identification

· **Hazard designation:**

void

· **Information pertaining to particular dangers for man and environment**

void

· **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.

· **Additional information:**

The product evidently does not contain any organically bonded halogen compounds (AOX), nitrates, heavy metal compounds or formaldehydes.

### 4 First aid measures

· **General information**

No special measures required.

· **After inhalation**

Void

· **After skin contact**

The product is not skin irritating.

· **After eye contact**

Rinse opened eye for several minutes under running water.

· **After swallowing**

Void

(Contd. on page 2)

— USA —

## Material Safety Data Sheet

acc. to ISO/DIS 11014

Printing date 12/18/2002

Reviewed on 05/02/2001

Trade name tesafix 51930

(Contd. of page 1)

### 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)*
- *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:*                      *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.*
- *Storage class*
- *Class according to regulation on inflammable liquids:*                      *Void*

### 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.*

(Contd. on page 3)

**Material Safety Data Sheet**  
acc. to ISO/DIS 11014

Printing date 12/18/2002

Reviewed on 05/02/2001

Trade name tesafix 51930

(Contd. of page 2)

- Eye protection: Not required.
- Body protection: Void

**9 Physical and chemical properties:**

· Form:	Solid material.
· Colour:	Black
· Smell:	Nearly odourless
· 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
· Self-inflammability:	Product is not selfigniting.
· Danger of explosion:	Product is not explosive.
· Density	Not determined
· Solubility in / Miscibility with Water:	Unsoluble
· Solvent content:	
Organic solvents:	0.0 %
· Solids content:	100.0 %

**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.

(Contd. on page 4)

USA

## Material Safety Data Sheet

acc. to ISO/DIS 11014

Printing date 12/18/2002

Reviewed on 05/02/2001

Trade name tesafix 51930

(Contd. of page 3)

· **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.
- **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

· **Cancerogenity categories**

· <b>EPA (Environmental Protection Agency)</b>	None of the ingredients is listed.
· <b>IARC (International Agency for Research on Cancer)</b>	None of the ingredients is listed.
· <b>NTP (National Toxicology Program)</b>	None of the ingredients is listed.
· <b>TLV (Threshold Limit Value established by ACGIH)</b>	None of the ingredients is listed.
· <b>MAK (German Maximum Workplace Concentration)</b>	None of the ingredients is listed.
· <b>NIOSH-Ca (National Institute for Occupational Safety and Health)</b>	All ingredients are listed.
· <b>OSHA-Ca (Occupational Safety &amp; Health Administration)</b>	All ingredients are listed.

· **Designation according to EC guidelines:**

Observe the normal safety regulations when handling chemicals

(Contd. on page 5)

— USA —

**Material Safety Data Sheet**  
acc. to ISO/DIS 11014

Printing date 12/18/2002

Reviewed on 05/02/2001

Trade name *tesafix 51930*

(Contd. of page 4)

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 II:** Void
- **Information about limitation of use:** Void
- **Decree to be applied in case of technical fault:** Void
- **Classification according to VbF:** Void
- **Water hazard class:** Generally not hazardous for water.
- **Other regulations, limitations and prohibitive regulations**

· <b>TSCA</b>
All ingredients are listed.
· <b>SARA Section 313</b>
All ingredients are listed.
· <b>SARA section 355</b>
All ingredients are listed.
· <b>Proposition 65 - Cancer</b>
All ingredients are listed.

**\*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