

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

Printing date 25.10.2011

Revision: 21.09.2011

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

- **Product identifier**
- **Trade name** *tesa 59190 PV2*
- **Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the substance / the preparation** *Adhesives*
- **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** *The product is not classified according to the CLP regulation.*
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC** *not classified*
- **Information concerning particular hazards for human and environment:** *The product isn't subject of the "General Classification guideline for preparations of the EU" in the latest version.*
- **Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** *Void*
- **Hazard pictograms** *Void*
- **Signal word** *Void*
- **Hazard statements** *Void*
- **Other hazards** *The product contains no elutable organic halogens, which will increase the AOX-values of the waste water.*
This product doesn't consist of any halogenated organic compounds (AOX), Nitrates, Heavy Metals (sigma<100 ppm) and Formaldehyde.
- **Results of PBT and vPvB assessment**
- **PBT:** *Not classified*
- **vPvB:** *Not classified*

3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** *Backing: Polyester Film*
Adhesive: Polyacrylate
- **Characterisation equipment, container:** *Case: Acrylnitrile-Styrene Copolymere (SAN). Recycled plastic based on 100 % recycled materials in accordance to the DIN EN ISO 14021.*
Large Gear: Polyoxymethylene-Acetale Copolymere (POM)
Small Gear: Polyoxymethylene-Acetale Copolymere (POM)

(Contd. on page 2)

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

Printing date 25.10.2011

Revision: 21.09.2011

Trade name tesa 59190 PV2

(Contd. of page 1)

Applicator Tip: Polyoxymethylene-Acetale Copolymere (POM)

Core: Acrylnitrile-Butadiene-Styrene Copolymere (ABS)

- | | |
|---|---|
| <ul style="list-style-type: none"> · Dangerous components: · SVHC · Regulation (EC) No 648/2004 on detergents / Labelling for contents · Additional information | <p>Void</p> <p>Free of any SVHC substances</p> <p>not applicable</p> <p>For the wording of the listed risk phrases refer to section 16.</p> |
|---|---|

4 First aid measures

- | | |
|--|---|
| <ul style="list-style-type: none"> · Description of first aid measures · General information · After inhalation · After skin contact · After eye contact · After swallowing · Information for occupational physician. · Most important symptoms and effects, both acute and delayed · Indication of any immediate medical attention and special treatment needed | <p>No special measures required.</p> <p>Void</p> <p>The product is not skin irritating.</p> <p>Rinse opened eyes for several minutes under running water.</p> <p>Void</p> <p>No further relevant information available.</p> <p>No further relevant information available.</p> |
|--|---|

5 Firefighting measures

- | | |
|--|---|
| <ul style="list-style-type: none"> · Extinguishing media · Suitable extinguishing agents · Special hazards arising from the substance or mixture · Advice for firefighters · Protective equipment: | <p>CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.</p> <p>Nitrogen oxides (NO_x)
Carbon monoxide (CO)
Hydrogen cyanide (HCN)</p> <p>No special measures required.</p> |
|--|---|

6 Accidental release measures

- | | |
|---|--|
| <ul style="list-style-type: none"> · Personal precautions, protective equipment and emergency procedures · Environmental precautions: · Methods and material for containment and cleaning up: · Reference to other sections | <p>Not required.</p> <p>No special measures required.</p> <p>Collect mechanically.</p> <p>No dangerous materials are released.</p> <p>See Section 7 for information on safe handling</p> <p>See Section 8 for information on personal protection equipment.</p> <p>See Section 13 for information on disposal.</p> |
|---|--|

7 Handling and storage

- | | |
|---|--------------------------------------|
| <ul style="list-style-type: none"> · Handling · Precautions for safe handling | <p>No special measures required.</p> |
|---|--------------------------------------|

(Contd. on page 3)

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

Printing date 25.10.2011

Revision: 21.09.2011

Trade name tesa 59190 PV2

(Contd. of page 2)

- **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.*
- **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.*
- **Eye protection:** *Not required.*
- **Body 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:** *Odourless*
- **Odour 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 determined.*
- **Ignition temperature:**
 - **Decomposition temperature:** *Not determined.*
- **Self-inflammability:** *Product is not selfigniting.*

(Contd. on page 4)

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

Printing date 25.10.2011

Revision: 21.09.2011

Trade name tesa 59190 PV2

(Contd. of page 3)

· Danger of explosion:	<i>Product is not explosive.</i>
· Critical values for explosion:	
Lower:	<i>Not determined.</i>
Upper:	<i>Not determined.</i>
· Steam pressure:	<i>Not applicable.</i>
· Density	<i>Not determined</i>
· Relative density	<i>Not determined.</i>
· Vapour density	<i>Not applicable.</i>
· Evaporation rate	<i>Not applicable.</i>
· Solubility in / Miscibility with Water:	<i>Partly miscible</i>
· Segregation coefficient (n-octanol/water):	<i>Not determined.</i>
· Viscosity:	
dynamic:	<i>Not applicable.</i>
kinematic:	<i>Not applicable.</i>
· Solvent content:	
Organic solvents:	<i>0.0 %</i>
Solids content:	<i>100.0 %</i>
· Other information	<i>No further relevant information available.</i>

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.*

(Contd. on page 5)

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

Printing date 25.10.2011

Revision: 21.09.2011

Trade name tesa 59190 PV2

(Contd. of page 4)

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:** *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 of with household garbage.*
- **European waste catalogue (recommendation)**
- **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:** *Void*

14 Transport information

· UN-Number · ADR, ADN, IMDG, IATA	<i>Void</i>
· UN proper shipping name · ADR, ADN, IMDG, IATA	<i>Void</i>
· Transport hazard class(es) · ADR, ADN, IMDG, IATA · Class	<i>Void</i>
· Packing group · ADR, IMDG, IATA	<i>Void</i>
· Environmental hazards: · Marine pollutant:	<i>No</i>
· Special precautions for user	<i>Not applicable.</i>
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	<i>Not applicable.</i>
· Transport/Additional information:	<i>Not dangerous according to the above mentioned specifications.</i>

(Contd. on page 6)

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

Printing date 25.10.2011

Revision: 21.09.2011

Trade name tesa 59190 PV2

(Contd. of page 5)

· UN "Model Regulation":	-
--------------------------	---

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **National regulations**
- **Water hazard class:** Generally not hazardous for water.
- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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.

This product (product group) is due to the current EC Legislation a nonhazardous material. Therefore this document is not going to be updated on a regular basis.

- **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)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
ICAO: International Civil Aviation Organization
GHS: Globally Harmonized System of Classification and Labelling of Chemicals