

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

Printing date 14.03.2017

Version number 42

Revision: 14.03.2017

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

- **1.1 Product identifier**
- **Trade name** **tesa On & Off, Stick-On Strips, Stick-on Coins, Sew and Stick**
- **Article number:** tesa 55224, 55225, 55226, 55228, 55229, 55231
- **1.2 Relevant identified uses of the substance or mixture and uses advised against** No further relevant information available.
- **Application of the substance / the mixture** Adhesive Tape  
Hook & Loop System
- **Manufacturer/Supplier:** tesa SE Tel.: +49-40-88899-101  
Hugo-Kirchberg-Strasse 1  
D-22848 Norderstedt  
Germany
- **Informing department:** tesa SE, quality management/environment/occupational safety, Dr. Dirk Lamm  
Dirk.Lamm@tesa.com, Tel.: +49-40-88899-2977  
tesa SE, quality management/environment/occupational safety, Dr. Anja Koeth  
Anja.Koeth@tesa.com, Tel.: +49-40-88899-3938
- **1.4 Emergency telephone number:** tesa SE, Hugo-Kirchberg-Str. 1, D-22848 Norderstedt  
Security Center Phone +49-40-88899-0  
or +49-40-88899-9111

**SECTION 2: Hazards identification**

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008** The product is not classified according to the CLP regulation.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **2.3 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

**SECTION 3: Composition/information on ingredients**

- **3.2 Chemical characterisation: Mixtures**
- **Description:** Backing: Polyamide hook and fleece  
Adhesive: Mixture comprising synthetic rubber and resins  
Liner: release paper
- **Dangerous components:** Void
- **SVHC** Free of any SVHC substances or < 0.1 %
- **Regulation (EC) No 648/2004 on detergents / Labelling for contents** not applicable
- **Additional information** For the wording of the listed hazard phrases refer to section 16.

**SECTION 4: First aid measures**

- **4.1 Description of first aid measures**
- **General information** No special measures required.
- **After inhalation** Void

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- **After skin contact** The product is not skin irritating.  
Rinse with warm water.
- **After eye contact** Void
- **After swallowing** Void
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed** No further relevant information available.

**SECTION 5: Firefighting measures**

- **5.1 Extinguishing media**
- **Suitable extinguishing agents** CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
- **5.2 Special hazards arising from the substance or mixture**  
Can be released in case of fire:  
Polyamide (PA) burns under development of hot bubbles (many water inside). It is possible that some burning hot molten material drops down. If this hot molten material comes into contact with clothing or unprotected skin areas it could cause acute skin burns and/or it can lead to fusion. PA is mostly self-extinguishing. The smoke smells strong like burned horn or wool.  
Nitrogen oxide (NO<sub>x</sub>)  
Carbon monoxide (CO)
- **5.3 Advice for firefighters**
- **Protective equipment:** Put on breathing apparatus.  
Do not inhale explosion gases or combustion gases.

**SECTION 6: Accidental release measures**

- **6.1 Personal precautions, protective equipment and emergency procedures** Not required.
- **6.2 Environmental precautions:** No special measures required.
- **6.3 Methods and material for containment and cleaning up:** Collect mechanically.
- **6.4 Reference to other sections** No dangerous materials are released.  
See Section 7 for information on safe handling  
See Section 8 for information on personal protection equipment.  
See Section 13 for information on disposal.

**SECTION 7: Handling and storage**

- **7.1 Precautions for safe handling** No special measures required.
- **Information about protection against explosions and fires:** No special measures required.
- **7.2 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.
- **7.3 Specific end use(s)** No further relevant information available.

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**SECTION 8: Exposure controls/personal protection**

- **Additional information about design of technical systems:** No further data; see item 7.
- **8.1 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.
- **8.2 Exposure controls**
- **Personal protective equipment**
- **General protective and hygienic measures** not required
- **Breathing equipment:** Not required.
- **Protection of hands:** Not required.
- **Eye protection:** Not required.
- **Body protection:** Not required.

**SECTION 9: Physical and chemical properties**

- **9.1 Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**
  - **Form:** Solid.
  - **Colour:** According to product specification
- **Smell:** Nearly odourless
- **Odour threshold:** Not determined.
- **pH-value:** Not applicable.
- **Change in condition**
  - **Melting point/freezing point:** Not determined
  - **Initial boiling point and 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.
- **Explosive properties:** Product is not explosive.
- **Critical values for explosion:**
  - **Lower:** Not determined.
  - **Upper:** Not determined.
- **Steam pressure:** Not applicable.
- **Density** Not determined
- **Relative density** Not determined.
- **Vapour density** Not applicable.
- **Evaporation rate** Not applicable.
- **Solubility in / Miscibility with Water:** Insoluble
- **Partition coefficient: n-octanol/water:** Not determined.
- **Viscosity:**
  - **dynamic:** Not applicable.
  - **kinematic:** Not applicable.

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· <b>Solvent content:</b>	
<b>Organic solvents:</b>	0.0 %
· <b>Solids content:</b>	100.0 %
· <b>9.2 Other information</b>	No further relevant information available.

### \* SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known

### SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.
- **Primary irritant effect:**
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

### \* SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **According to recipe contains the following heavy metals and compounds according to EC guideline NO. 76/464 EC:** Free of heavy metals (Pb, Cd, Hg, Cr6+)  
Free of Polybrominated Biphenyls (PBBs) and Polybrominated Diphenyl Ethers (PBDEs) according to RoHS Directive.
- **General notes:** Generally not hazardous for water.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

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**\* SECTION 13: Disposal considerations**

- 13.1 Waste treatment methods
- Recommendation

Smaller quantities can be disposed of with household garbage.  
Energy recovery: The product can be applied to a suitable waste incineration plant for mixed waste.  
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

- 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 according to official regulations.  
Emptied packagings can be disposed in regard to local / national recycling regulations such as Green Dot Program.

**\* SECTION 14: Transport information**

· 14.1 UN-Number	
· ADR, ADN, IMDG, IATA	Void
· 14.2 UN proper shipping name	
· ADR, ADN, IMDG, IATA	Void
· 14.3 Transport hazard class(es)	
· ADR, ADN, IMDG, IATA	
· Class	Void
· 14.4 Packing group	
· ADR, IMDG, IATA	Void
· 14.5 Environmental hazards:	Not applicable.
· 14.6 Special precautions for user	Not applicable.
· 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
· Transport/Additional information:	Not dangerous according to the above mentioned specifications.
· UN "Model Regulation":	Void

**\* SECTION 15: Regulatory information**

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

- Directive 2012/18/EU
- Named dangerous substances - ANNEX I

None of the ingredients is listed.

- National regulations
- Additional classification according to Decree on Hazardous Materials, Annex III:

Void

- Information about limitation of use: Void

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- **Decree to be applied in case of technical fault:** Void
- **Water hazard class:** Generally not hazardous for water.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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**SECTION 16: Other information**

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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.

- **Department issuing data specification sheet:** tesa SE, Quality Management/Environment/Safety
- **Contact:** tesa SE: Dr. D. Lamm, Phone: +49-40-88899-2977, Email: dirk.lamm@tesa.com  
tesa SE: Dr. A. Koeth, Phone: +49-40-88899-3938, Email: anja.koeth@tesa.com
- **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)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
GHS: Globally Harmonised System of Classification and Labelling of Chemicals  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
PBT: Persistent, Bioaccumulative and Toxic  
SVHC: Substances of Very High Concern  
vPvB: very Persistent and very Bioaccumulative

- **\* Data compared to the previous version altered.**