

Lembar Data Keselamatan
 menurut Peraturan Menteri Perindustrian RI No. 87/M-IND/PER/9/2009

Printing date 30.01.2023

Version number 4

Revision: 30.01.2023

1 Identifikasi Senyawa (Tunggal atau Campuran)

· Product identifier	
· Trade name	tesa 88681PV43, 88682PV43
· Relevant identified uses of the substance or mixture and uses advised against	No further relevant information available.
· Product category	PC1 Adhesives, sealants
· Application of the substance / the mixture	Adhesive tape
· Manufacturer/Supplier:	tesa SE Hugo-Kirchberg-Strasse 1 D-22848 Norderstedt Tel.: +49-40-88899-101 Germany
· Informing department:	tesa SE, Corporate Regulatory Affairs SDS@tesa.com, Tel.: +49-40-88899-6954
· Emergency telephone number:	Reception Headquarters tesa SE, Hugo-Kirchberg-Str. 1, 22848 Norderstedt, Germany Phone: +49 40 88899 2667 (Mon.-Thurs. 07:00-18:00h, Fr. 07:00-15:00h)

2 Identifikasi Bahaya

· Classification of the substance or mixture	The product is not classified, according to the Globally Harmonised System (GHS).
· Label elements	
· GHS label elements	The product is classified and labelled according to the CLP regulation.
· 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. The product does not contain organically bound halogen compounds (AOX), nitrates, heavy metal compounds (sum below 100 ppm) and formaldehyde.
· Results of PBT and vPvB assessment	
· PBT:	Not classified
· vPvB:	Not classified

3 Komposisi /Informasi tentang Bahan Penyusun Senyawa Tunggal

· Chemical characterisation: Mixtures	
· Description:	Adhesive: Polyacrylate Cover: paper, PE-coated
· Dangerous components:	Void
· SVHC	Free from SVHC substances or < 0.1 %.
· Regulation (EC) No 648/2004 on detergents / Labelling for contents	not applicable
· Additional information	The product does not contain benzene The wording of the listed hazard statements can be found in section 16.

4 Tindakan Pertolongan Pertama pada Kecelakaan

· Description of first aid measures	
· General information	No special measures required.

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· After inhalation	Void
· After skin contact	The product is not irritating to the skin. Rinse with warm water.
· After eye contact	Void
· After swallowing	Void
· Information for occupational physician.	Void
· Most important symptoms and effects, both acute and delayed	Void
· Indication of any immediate medical attention and special treatment needed	Void

5 Tindakan pemadaman kebakaran

· Extinguishing media	
· Suitable extinguishing agents	Use appropriate fire fighting measures.
· For safety reasons unsuitable extinguishing agents	Water with a full water jet.
· Special hazards arising from the substance or mixture	In the event of a fire, may be released: Nitrogen oxides (NOx) Carbon monoxide (CO) Carbon dioxide (CO2) Under certain fire conditions, traces of other toxic substances cannot be excluded.
· Advice for firefighters	
· Protective equipment:	Put on breathing apparatus. Do not inhale explosion gases or combustion gases.
· Additional information	None

6 Tindakan Penanggulangan jika terjadi Tumpahan dan Kebocoran

· Personal precautions, protective equipment and emergency procedures	Not required.
· Environmental precautions:	No special measures required.
· Methods and material for containment and cleaning up:	Collect mechanically.
· 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.

7 Penanganan dan Penyimpanan

· Handling	
· Precautions for safe handling	No special measures required.
· 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.

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- **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 Kontrol Paparan/ Perlindungan Diri

- **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**
- **Breathing equipment:** Not required.
- **Protection of hands:** Not required.
- **Material of gloves** Suitability and resistance of a glove depend on the conditions of use, such as frequency and duration of contact, chemical resistance of the glove material, thickness and fit of the gloves. As a general rule, the glove manufacturer should be consulted for the necessary information. Contaminated or damaged gloves should be replaced immediately.
- **Penetration time of glove material** The exact breakthrough time must be obtained from the protective glove manufacturer and must be observed.
- **Eye protection:** Not required.

9 Sifat fisika dan kimia

· Information on basic physical and chemical properties	
· General Information	
· Appearance:	
Form:	Solid.
Colour:	transparent
· 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 applicable
· Ignition temperature:	Not applicable
· Decomposition temperature:	Not determined.
· Self-inflammability:	Product is not selfigniting.
· Explosive properties:	Product is not explosive.
· Critical values for explosion:	
Lower:	Not determined.

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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:	Unsoluble
· Partition coefficient: n-octanol/water:	Not determined.
· Viscosity:	
dynamic:	Not applicable.
kinematic:	Not applicable.
· Solvent content:	
Organic solvents:	Residual solvent content in tape: much smaller than 0,1 weight-%
Solids content:	100.0 %
· Other information	No further relevant information available.

10 Stabilitas dan Reaktivitas

· Reactivity	No further relevant information available.
· 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 Informasi Toksikologi

· Information on toxicological effects	
· Acute toxicity	
· Primary irritant effect:	
· Serious eye damage/irritation	No irritant effect.
· Respiratory or skin sensitisation	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.

12 Informasi Ekologi

· 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.

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- **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 Halogens F, Cl, Br, I
 - Free of heavy metals (Pb, Cd, Hg, Cr6+)
 - Free of polybrominated biphenyls (PBBs) and polybrominated diphenyl ethers (PBDEs) in accordance with the RoHS Directive.
- **General notes:** Not known to be hazardous to water.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

13 Pembuangan Limbah

- **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.
- **Additional information about the European waste catalogue:**
 - Disposal should be carried out in compliance with the legal regulations after consultation with the competent local authority and the disposal company in a suitable facility approved for this purpose. According to EU Directive 2000/532/EC in conjunction with Directive 75/442/EEC, the assignment of a waste code number must be carried out on a sector-specific basis and in consultation with the regional disposal company.
- **Uncleaned packagings:** Void

14 Informasi Transpor/Pengangkutan

<ul style="list-style-type: none"> · UN-Number · ADR, IMDG, IATA 	Void
<ul style="list-style-type: none"> · UN proper shipping name · ADR, IMDG, IATA 	Void
<ul style="list-style-type: none"> · Transport hazard class(es) · ADR, ADN, IMDG, IATA · Class 	Void
<ul style="list-style-type: none"> · Packing group · ADR, IMDG, IATA 	Void
<ul style="list-style-type: none"> · Environmental hazards: · Marine pollutant: 	No
<ul style="list-style-type: none"> · Special precautions for user 	Not applicable.

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