

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

Printing date 28.03.2023

Version number 22

Revision: 28.03.2023

1 Identifikasi Senyawa (Tunggal atau Campuran)

- **Product identifier**
- **Trade name** tesa L-Tape 8694, 8698
- **Relevant identified uses of the substance or mixture and uses advised against** No further relevant information available.
- **Application of the substance / the mixture** Experimental product
Coating material
Intermediate
Adhesives
- **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**



Eye Dam. 1 H318 Causes serious eye damage.



Skin Sens. 1 H317 May cause an allergic skin reaction.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

- **Label elements**

- **GHS label elements** The product is classified and labelled according to the Globally Harmonised System (GHS).

- **Hazard pictograms**



GHS05 GHS07

- **Signal word** Danger

- **Hazard-determining components of labelling:**

- **Hazard statements** 2-Hydroxy-3-phenoxypropyl acrylate
Causes serious eye damage.
May cause an allergic skin reaction.
Harmful to aquatic life with long lasting effects.

- **Precautionary statements** Avoid release to the environment.

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IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 Immediately call a POISON CENTER/doctor.
 Specific treatment (see on this label).
 Take off contaminated clothing and wash it before reuse.
 Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Other hazards** The product does not contain any elutable organically bound halogen compounds that can lead to an increase in the AOX value in the context of waste water analysis.
- **Results of PBT and vPvB assessment**
- **PBT:** Not classified
- **vPvB:** Not classified

3 Komposisi /Informasi tentang Bahan Penyusun Senyawa Tunggal

- **Chemical characterisation: Mixtures**
- **Description:** Mixture of polyurethane, polymeric cycloaliphate, acrylic monomer and peroxides

· Dangerous components:		
16969-10-1	2-Hydroxy-3-phenoxypropyl acrylate ⚠ Eye Dam. 1, H318 ⚠ Aquatic Chronic 2, H411 ⚠ Skin Sens. 1, H317	<10%
2235-00-9	Vinylcaprolactam ⚠ Acute Tox. 3, H301 ⚠ Serious eye damage/irritation – Category 2A, H319	<1%

- **SVHC** Free from SVHC substances or < 0.1 %.
- **Regulation (EC) No 648/2004 on detergents / Labelling for contents** not applicable
- **Additional information** 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** Instantly remove any clothing soiled by the product.
- **After inhalation** Not required for intended use
- **After skin contact** Instantly wash with water and soap and rinse thoroughly.
- **After eye contact** Rinse opened eye for several minutes under running water. Consult a doctor if symptoms persist.
- **After swallowing** Consult a doctor if symptoms persist
- **Information for occupational physician.**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed** No further relevant information available.

5 Tindakan pemadaman kebakaran

- **Extinguishing media**
- **Suitable extinguishing agents** Use appropriate fire fighting measures.
- **Special hazards arising from the substance or mixture** In the event of a fire, may be released: Carbon monoxide (CO)

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- **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.

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.
Dispose of material in accordance with section 13.
- **Reference to other sections**
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**
Ensure good ventilation/exhaustion at the workplace.
- **Information about protection against explosions and fires:**
Keep breathing equipment ready.
- **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 Kontrol Paparan/ Perlindungan Diri

- **Additional information about design of technical systems:**
No further data; see section 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.
Keep away from foodstuffs, beverages and food.
Instantly remove any contaminated garments.
Wash hands before breaks and at the end of the work.
Store protective clothing separately.
Avoid contact with the eyes and skin.
- **Breathing equipment:**
With good ventilation at the workplace no respiratory protection is required.

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· Protection of hands:


Protective gloves.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· 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.

9 Sifat fisika dan kimia

· Information on basic physical and chemical properties	
· General Information	
· Appearance:	
Form:	Tape
Colour:	According to product specification
· Smell:	Product specific
· Odour threshold:	Not determined.
· pH-value:	Not determined. 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.
· 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 determined. Not applicable.
· Density	Not determined
· Relative density	Not determined.
· Vapour density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with	
Water:	Unsoluble
· Partition coefficient: n-octanol/water:	Not determined.

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· Viscosity:	
dynamic:	Not determined. Not applicable.
kinematic:	Not determined. Not applicable.
· Solvent content:	
Solids content:	100 %
· 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**

 · **LD/LC50 values that are relevant for classification:**
ATE (Acute Toxicity Estimates)

Oral	LD50	15,188 mg/kg
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- **Primary irritant effect:**
- **Serious eye damage/irritation** Strong irritant with the danger of severe eye injury.
- **Respiratory or skin sensitisation** Sensitization possible by skin contact.
- **Additional toxicological information:** The product shows the following dangerous properties according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:
Irritant

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.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:** Water hazard class 2 (Self-assessment): hazardous for water.
Prevent product from reaching ground water, water bodies or sewage systems.
Danger to drinking water even if small quantities leak into soil.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.

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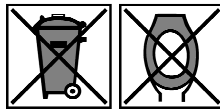
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- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

13 Pembuangan Limbah

- **Waste treatment methods**
- **Recommendation**



Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Must be specially treated under adherence to official regulations.

- **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
- **Recommended cleaning agent:** Water, if necessary with cleaning agent.

14 Informasi Transpor/Pengangkutan

· UN-Number	
· ADR, IMDG, IATA	Void
· UN proper shipping name	
· ADR, IMDG, IATA	Void
· Transport hazard class(es)	
· ADR, ADN, IMDG, IATA	
· Class	Void
· Packing group	
· ADR, IMDG, IATA	Void
· Environmental hazards:	Not applicable.
· Special precautions for user	Not applicable.
· Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
· UN "Model Regulation":	Void

15 Informasi yang Berkaitan dengan Regulasi

- **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** avoids
- **Information about limitation of use:** Employment restrictions concerning young persons must be observed.
 Employment restrictions concerning pregnant and lactating women must be observed.

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· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Informasi Lain

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.

· **Relevant phrases**

- H301 Toxic if swallowed.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H411 Toxic to aquatic life with long lasting effects.

· **Department issuing data specification sheet:**

tesa SE, Corporate Regulatory Affairs

· **Contact:**

tesa SE, Corporate Regulatory Affairs, Email: SDS@tesa.com, Tel.: +4940-88899-0

· **Abbreviations and acronyms:**

ADR: Accord relatif au transport international 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
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)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
SVHC: Substances of Very High Concern
vPvB: very Persistent and very Bioaccumulative
Acute Tox. 3: Acute toxicity – Category 3
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Serious eye damage/irritation – Category 2A: Serious eye damage/eye irritation – Category 2A
Skin Sens. 1: Skin sensitisation – Category 1
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

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