

**Safety Data Sheet
according to WHS Regulations**

Printing date 14.01.2023

Version number 16 (replaces version 15)

Revision: 14.01.2023

Not classified as hazardous according to criteria of Australian Safety and Compensation Council.

SECTION 1: Identification

1.1 Product identifier

Trade name tesa HAF 58491, 58492, 58493, 58498, 58499

1.2 Relevant identified uses of the substance or mixture and uses advised against

No further relevant information available.

Product category

PC0 Other
PC1 Adhesives, sealants

Application of the substance / the mixture

Adhesive tape

1.3 Manufacturer/Supplier:

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Hugo-Kirchberg-Strasse 1
D-22848 Norderstedt
Tel.: +49-40-88899-101
Germany

Informing department:

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SECTION 2: Hazard(s) 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

The product is classified and labelled according to the CLP regulation.

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

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SECTION 3: Composition and Information on Ingredients

- **3.2 Mixtures**
- **Description:** Solvent-free mixture of nitril rubber/phenolic resin with pigments on silicone paper
Carrier material: Polyester membrane
- **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 wording of the listed hazard statements can be found in section 16.

SECTION 4: First Aid Measures

- **4.1 Description of first aid measures**
- **General information** No special measures required.
- **After inhalation** Void
- **After skin contact** Skin contact with hot adhesive (from 45°C):
Remove garments carefully to prevent heat build-up and afterburning. Do not remove clothing that has already bonded to the skin. Immediately rinse or shower the burnt parts of the body gently with cold water (15-20°C) for at least 15 minutes. The cold water treatment leads to pain relief and reduced oedema formation. This reduces the afterburn effect. Avoid hypothermia due to extensive application of cold water or ice water. Constantly check the vital functions of the burn victim. The first aider should not cover burnt skin areas with bandages or apply burn ointment. Avoid cooling.
The product is not irritating to the skin.
Rinse with warm water.
- **After eye contact** Rinse opened eyes for several minutes under running water.
- **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: Fire Fighting Measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents** Use appropriate fire fighting measures.
- **For safety reasons unsuitable extinguishing agents** Water with a full water jet.
- **5.2 Special hazards arising from the substance or mixture** In the event of a fire, may be released:
Formaldehyde
Hydrogen cyanide (HCN)
Phenol vapours
Nitrogen oxides (NOx)
Carbon monoxide (CO)
Carbon dioxide (CO2)
Under certain fire conditions, traces of other toxic substances cannot be excluded.
- **5.3 Advice for firefighters**
- **Protective equipment:** Put on breathing apparatus.

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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** During the thermo setting process traces of fragrant phenolic and formaldehyde vapours could be come out of the bond.
Heated product / material can cause severe burns on skin.
Heated product / material can lead to irreversible eye damage.
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.

* SECTION 8: Exposure controls and personal protection

- **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**
- **Appropriate engineering controls** No further data; see item 7.
- **Individual protection measures, such as personal protective equipment**
- **Breathing equipment:** Not required.
- **Hand protection** 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.

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· Eye/face protection Not required.

SECTION 9: Physical and Chemical Properties

· **9.1 Information on basic physical and chemical properties**

· **General Information**

· Physical state	Solid.
· Colour:	Black
· Smell:	Phenol-like
· Odour threshold:	Not determined.
· Melting point/freezing point:	Not determined
· Boiling point or initial boiling point and boiling range	Not determined
· Flammability	Not determined.
· Lower and upper explosion limit	
· Lower:	Not determined.
· Upper:	Not determined.
· Flash point:	Not applicable
· Decomposition temperature:	Not determined.
· pH	Not applicable.
· Viscosity:	
· Kinematic viscosity	Not applicable.
· dynamic:	Not applicable.
· Solubility	
· Water:	Unsoluble
· Partition coefficient n-octanol/water (log value)	Not determined.
· Steam pressure:	Not applicable.
· Density and/or relative density	
· Density	Not determined
· Relative density	Not determined.
· Vapour density	Not applicable.

· **9.2 Other information**

· Appearance:	
· Form:	Solid.
· Important information on protection of health and environment, and on safety.	
· Self-inflammability:	Product is not selfigniting.
· Explosive properties:	Product is not explosive.
· Solvent content:	
· Organic solvents:	Residual solvent content in tape: much smaller than 0,1 weight-%
· Solids content:	100.0 %
· Change in condition	
· Evaporation rate	Not applicable.

· **Information with regard to physical hazard classes**

· Explosives	Void
· Flammable gases	Void
· Aerosols	Void
· Oxidising gases	Void
· Gases under pressure	Void
· Flammable liquids	Void
· Flammable solids	Void
· Self-reactive substances and mixtures	Void

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· Pyrophoric liquids	Void
· Pyrophoric solids	Void
· Self-heating substances and mixtures	Void
· Substances and mixtures, which emit flammable gases in contact with water	Void
· Oxidising liquids	Void
· Oxidising solids	Void
· Organic peroxides	Void
· Corrosive to metals	Void
· Desensitised explosives	Void

SECTION 10: Stability and Reactivity

· 10.1 Reactivity	No further relevant information available.
· 10.2 Chemical stability	
· Thermal decomposition / conditions to be avoided:	During the thermo setting process temperatures til 220 °C can be used. In this case phenolic- and formaldehyde vapours could be formed.
· 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:	Formaldehyde (CAS 50-00-0) Phenol (CAS 108-95-2)

*** SECTION 11: Toxicological Information**

· 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008	
· Acute toxicity	Based on available data, the classification criteria are not met.
· 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	(Means the vapours, formed in the thermo setting process) Based on available data, the classification criteria are not met.
· 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.
· 11.2 Information on other hazards	

· Endocrine disrupting properties	None of the ingredients is listed.
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*** 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.
· 12.5 Results of PBT and vPvB assessment	
· PBT:	Not applicable.

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<ul style="list-style-type: none"> · vPvB: · 12.6 Endocrine disrupting properties · 12.7 Other adverse effects · Additional ecological information: · According to recipe contains the following heavy metals and compounds according to EC guideline NO. 76/464 EC: · General notes: 	<p>Not applicable.</p> <p>The product does not contain substances with endocrine disrupting properties.</p> <p>Free of heavy metals (Pb, Cd, Hg, Cr6+) Free of polybrominated biphenyls (PBBs) and polybrominated diphenyl ethers (PBDEs) in accordance with the RoHS Directive.</p> <p>Generally not hazardous for water.</p>
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* SECTION 13: Disposal considerations

<ul style="list-style-type: none"> · 13.1 Waste treatment methods · Recommendation · Additional information about the European waste catalogue: · Uncleaned packagings: 	<p>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.</p> <p>The waste code number given above is therefore only a possible recommendation. 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.</p> <p>Void</p>
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SECTION 14: Transport information

<ul style="list-style-type: none"> · 14.1 UN number or ID number · ADG, ADN, IMDG, IATA 	Void
<ul style="list-style-type: none"> · 14.2 UN proper shipping name · ADG, ADN, IMDG, IATA 	Void
<ul style="list-style-type: none"> · 14.3 Transport hazard class(es) · ADG, ADN, IMDG, IATA · Class 	Void
<ul style="list-style-type: none"> · 14.4 Packing group · ADG, IMDG, IATA 	Void
<ul style="list-style-type: none"> · 14.5 Environmental hazards: · Marine pollutant: 	No
<ul style="list-style-type: none"> · 14.6 Special precautions for user 	Not applicable.
<ul style="list-style-type: none"> · 14.7 Maritime transport in bulk according to IMO instruments 	Not applicable.
<ul style="list-style-type: none"> · Transport/Additional information: 	Not dangerous according to the above mentioned specifications.

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· UN "Model Regulation":	Void
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* SECTION 15: Regulatory information

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

· Australian Inventory of Industrial Chemicals	None of the ingredients is listed.
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· Standard for the Uniform Scheduling of Medicines and Poisons	None of the ingredients is listed.
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· Australia: Priority Existing Chemicals	None of the ingredients is listed.
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· Directive 2012/18/EU	
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· Named dangerous substances - ANNEX I	None of the ingredients is listed.
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· National regulations	avoids
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· Additional classification according to Decree on Hazardous Materials, Annex III:	Void
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· Information about limitation of use:	Void
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· Decree to be applied in case of technical fault:	Void
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· 15.2 Chemical safety assessment:	A Chemical Safety Assessment has not been carried out.
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SECTION 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 (this product group) is not a hazardous substance in the sense of the currently valid GefStoffV. This safety data sheet is therefore not subject to the automatic amendment service according to GefStoffV § 6 para. 1.

· Department issuing data specification sheet:	tesa SE, Corporate Regulatory Affairs
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· Contact:	tesa SE, Corporate Regulatory Affairs, Email: SDS@tesa.com, Tel.: +4940-88899-0
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· 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 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
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· * Data compared to the previous version altered.	
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