

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

Printing date 09.03.2023

Version number 69 (replaces version 68)

Revision: 09.03.2023

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

· **1.1 Product identifier**

· **Trade name** supergen 62600 contact glue

· **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**

Adhesives

· **1.3 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

· **1.4 Emergency telephone number:**

Poisons Information Centre in Germany:
Poison Information Centre North
Centre of Pharmacology and Toxicology of University Goettingen
Robert-Koch Strasse 40, D-37075 Goettingen
Telephone: +49 551 38 31 80
Emergency telephone: +49 551 19240 (24 hours available)

Poisons Information Centres in Europe:
see WHO website:
<http://www.who.int/ipcs/poisons/centre/directory/euro/en/>

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)

*** SECTION 2: Hazards identification**

· **2.1 Classification of the substance or mixture**

· **Classification according to Regulation (EC) No 1272/2008**



flame

Flam. Liq. 2 H225 Highly flammable liquid and vapour.



environment

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.



Skin Irrit. 2

H315 Causes skin irritation.

Eye Irrit. 2

H319 Causes serious eye irritation.

STOT SE 3

H336 May cause drowsiness or dizziness.

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· 2.2 Label elements

· Labelling according to Regulation (EC) No 1272/2008

· Hazard pictograms

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



GHS02 GHS07 GHS09

· Signal word

Danger

· Hazard-determining components of labelling:

ethyl acetate
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

· Hazard statements

H225 Highly flammable liquid and vapour.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.

· Precautionary statements

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read carefully and follow all instructions.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P391 Collect spillage.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· Additional information:

EUH208 Contains Rosin. May produce an allergic reaction.

· 2.3 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

* SECTION 3: Composition/information on ingredients

· 3.2 Mixtures

· Description: Adhesive.

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· Dangerous components:		
CAS: 141-78-6 EINECS: 205-500-4 Reg.nr.: 01-2119475103-46-XXXX	ethyl acetate ⚠ Flam. Liq. 2, H225 ⚠ Eye Irrit. 2, H319; STOT SE 3, H336 EUH066	<50%
CAS: 64742-49-0 EC number: 927-510-4	Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics ⚠ Flam. Liq. 2, H225 ⚠ Asp. Tox. 1, H304 ⚠ Aquatic Chronic 2, H411 ⚠ Skin Irrit. 2, H315; STOT SE 3, H336	<50%
CAS: 67-64-1 EINECS: 200-662-2 Reg.nr.: 01-2119471330-49-XXXX	acetone ⚠ Flam. Liq. 2, H225 ⚠ Eye Irrit. 2, H319; STOT SE 3, H336 EUH066	<25%
CAS: 110-82-7 EINECS: 203-806-2 Reg.nr.: 01-2119463273-41-XXXX	cyclohexane ⚠ Flam. Liq. 2, H225 ⚠ Asp. Tox. 1, H304 ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410 ⚠ Skin Irrit. 2, H315; STOT SE 3, H336	<1%
CAS: 128-37-0 EINECS: 204-881-4	2,6-di-tert-butyl-p-cresol ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319	<1%
CAS: 1314-13-2 EINECS: 215-222-5 Reg.nr.: 01-2119463881-32-xxxx	zinc oxide ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410	<1%
CAS: 8050-09-7 EINECS: 232-475-7	Rosin ⚠ Skin Sens. 1, H317	<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

· After inhalation

In case of unconsciousness bring patient into stable side position for transport.

· 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

· 4.2 Most important symptoms and effects, both acute and delayed

Dazedness

May cause drowsiness / dizziness.

· Danger

Condition may deteriorate with alcohol consumption.

· 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

CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol-resistant foam.

· For safety reasons unsuitable extinguishing agents

Water with a full water jet.

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· 5.2 Special hazards arising from the substance or mixture

In the event of a fire, may be released:
Hydrogen chloride (HCl)
Nitrogen oxides (NOx)
Under certain fire conditions, traces of other toxic substances cannot be excluded.

· 5.3 Advice for firefighters

· Protective equipment:

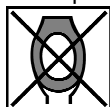
Put on breathing apparatus.
Do not inhale explosion gases or combustion gases.

* SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation
Wear protective equipment. Keep unprotected persons away.

· 6.2 Environmental precautions:



Prevent material from reaching sewage system, holes and cellars.

Inform responsible authorities in case of spilling into water or sewage system.

· 6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Ensure adequate ventilation.

· 6.4 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.

* SECTION 7: Handling and storage

· 7.1 Precautions for safe handling · Information about protection against explosions and fires:

Ensure that suitable extractors are available on processing machines



Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.
Handle only outside or in explosion protected rooms.
Fumes can combine with air to form an explosive mixture.

· 7.2 Conditions for safe storage, including any incompatibilities

· Storage

· Requirements to be met by storerooms and containers:

Store in cool location.

· Information about storage in one common storage facility:

Store away from oxidising agents.

· Further information about storage conditions:

Keep container tightly sealed.
Store in cool, dry conditions in well sealed containers.
Store only outside or in explosion proof rooms.
Storing flammable liquids the National regulations have to be fulfilled!
No further relevant information available.

· 7.3 Specific end use(s)

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* SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

· Components with critical values that require monitoring at the workplace:

141-78-6 ethyl acetate

WEL	Short-term value: 1468 mg/m ³ , 400 ppm Long-term value: 734 mg/m ³ , 200 ppm
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67-64-1 acetone

WEL	Short-term value: 3620 mg/m ³ , 1500 ppm Long-term value: 1210 mg/m ³ , 500 ppm
-----	--

110-82-7 cyclohexane

WEL	Short-term value: 1050 mg/m ³ , 300 ppm Long-term value: 350 mg/m ³ , 100 ppm
-----	--

8050-09-7 Rosin

WEL	Short-term value: 0.15 mg/m ³ Long-term value: 0.05 mg/m ³ Sen
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· 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

· 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.
Avoid contact with the eyes and skin.
Not required.

· Breathing equipment:

· Hand protection



Solvent resistant gloves

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

Use solvent-resistant 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/face protection

Safety glasses recommended during refilling.

· Body protection:

Not required for intended use
Work clothes (closed, long-sleeved)

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

· Colour:	Yellow
· Smell:	Acetone-like
· Odour threshold:	Not determined.
· Melting point/freezing point:	Not determined
· Boiling point or initial boiling point and boiling range	79 °C
· Flammability	Not applicable.
· Lower and upper explosion limit	
· Lower:	1.1 Vol %
· Upper:	13.0 Vol %
· Flash point:	-8 °C
· Auto-ignition temperature:	215 °C
· Decomposition temperature:	Not determined.
· pH	Not determined.
· Viscosity:	
· Kinematic viscosity	Not determined.
· dynamic:	Not determined.
· Solubility	
· Water:	Partly miscible
· Partition coefficient n-octanol/water (log value)	Not determined.
· Steam pressure at 20 °C:	247 hPa
· Density and/or relative density	
· Density	Not determined
· Relative density at 20 °C	0.85
· Vapour density	Not determined.

9.2 Other information

· Appearance:	
· Form:	Liquid
· Important information on protection of health and environment, and on safety.	
· Self-inflammability:	Product is not selfigniting.
· Explosive properties:	Product is not explosive. However, formation of explosive air/steam mixtures is possible.
· Solvent content:	
· Organic solvents:	80.8 %
· Solids content:	20.0 %
· Change in condition	
· Evaporation rate	Not determined.

Information with regard to physical hazard classes

· Explosives	Void
· Flammable gases	Void
· Aerosols	Void
· Oxidising gases	Void
· Gases under pressure	Void
· Flammable liquids	Highly flammable liquid and vapour.
· Flammable solids	Void
· Self-reactive substances and mixtures	
	Void
· Pyrophoric liquids	Void

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· 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:	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 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	Causes skin irritation.
· Serious eye damage/irritation	Causes serious eye irritation.
· STOT-single exposure	May cause drowsiness or dizziness.
· Additional toxicological information:	Das Produkt weist aufgrund des Berechnungsverfahrens der Allgemeinen Einstufungsrichtlinie der EG für Zubereitungen in der letztgültigen Fassung folgende Gefahren auf: Leichtentzündlich
· 11.2 Information on other hazards	

· Endocrine disrupting properties

128-37-0 2,6-di-tert-butyl-p-cresol

List II

* 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.
· vPvB:	Not applicable.
· 12.6 Endocrine disrupting properties	For information on endocrine disrupting properties see section 11.

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12.7 Other adverse effects

Remark:

Very toxic for fish

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) in accordance with the RoHS Directive.

General notes:

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

Also poisonous for fish and plankton in water bodies.

Very toxic for aquatic organisms

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.

* SECTION 13: Disposal considerations

13.1 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:

Recommendation:

Disposal according to official regulations.

* SECTION 14: Transport information

14.1 UN number or ID number

ADR, IMDG, IATA

UN1133

14.2 UN proper shipping name

ADR

ADHESIVES, ENVIRONMENTALLY HAZARDOUS, (vapour pressure at 50°C not more than 110 kPa)

IMDG

ADHESIVES, MARINE POLLUTANT

IATA

ADHESIVES

14.3 Transport hazard class(es)

ADR



Class

3 (F1) Flammable liquids.

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· Label	3
· IMDG	
	
· Class	3 Flammable liquids.
· Label	3
· IATA	
	
· Class	3 Flammable liquids.
· Label	3
· 14.4 Packing group	
· ADR, IMDG, IATA	II
· 14.5 Environmental hazards:	Product contains environmentally hazardous substances: zinc oxide, Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics
· Marine pollutant:	Yes
· Special marking (ADR):	Symbol (fish and tree)
· 14.6 Special precautions for user	Warning: Flammable liquids.
· Page:	33
· EMS Number:	F-E,S-D
· Stowage Category	B
· 14.7 Maritime transport in bulk according to IMO instruments	Not applicable.
· Transport/Additional information:	
· ADR	
· Limited quantities (LQ)	5L
· Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· Transport category	2
· Tunnel restriction code	D/E
· IMDG	
· Limited quantities (LQ)	5L
· Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· UN "Model Regulation":	UN 1133 ADHESIVES (VAPOUR PRESSURE AT 50°C NOT MORE THAN 110 KPA), 3, II, ENVIRONMENTALLY HAZARDOUS

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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.

Seveso category

E2 Hazardous to the Aquatic Environment
P5c FLAMMABLE LIQUIDS

Qualifying quantity (tonnes) for the application of lower-tier requirements

200 t

Qualifying quantity (tonnes) for the application of upper-tier requirements

500 t

National regulations

Information about limitation of use: Employment restrictions concerning young persons must be observed.

Decree to be applied in case of technical fault:

Critical quantity values according to the regulations on accidents should be adhered to.

Technical instructions (air):

Class	Share in %
NK	50.8

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

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.

Relevant phrases

H225 Highly flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.
EUH066 Repeated exposure may cause skin dryness or cracking.

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:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer
(Regulations Concerning the International Transport of Dangerous Goods by Rail)
ICAO: International Civil Aviation Organisation
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
vPvB: very Persistent and very Bioaccumulative
Flam. Liq. 2: Flammable liquids – Category 2

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Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
Skin Sens. 1: Skin sensitisation – Category 1
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
Asp. Tox. 1: Aspiration hazard – Category 1
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

· * Data compared to the previous
version altered.

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