

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

Printing date 09.03.2023

Version number 31 (replaces version 30)

Revision: 09.03.2023

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

· **1.1 Product identifier**

· **Trade name** tesa 60151

· **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**

Coating material  
Priming  
Intermediate

· **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:**

UNITED KINGDOM:  
The UK National Poisons Emergency number is 0870 600 6266  
London:  
Emergency 24 hour telephone: +44 (0)20 7188 0100  
Guy's & St Thomas' Poisons Unit  
Medical Toxicology Information Services  
Mary Sheridan House, Guy's Hospital, Great Maze Pond, London SE1 9RT  
  
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.



Eye Irrit. 2 H319 Causes serious eye irritation.

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STOT SE 3 H336 May cause drowsiness or dizziness.

**2.2 Label elements**
**Labelling according to Regulation (EC) No 1272/2008**
**Hazard pictograms**


GHS02 GHS07

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

**Signal word**

Danger

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

propan-2-ol  
 H225 Highly flammable liquid and vapour.  
 H319 Causes serious eye irritation.  
 H336 May cause drowsiness or dizziness.

**Precautionary statements**

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.  
 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.  
 P405 Store locked up.  
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**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:**

Solvent mixture with additives.  
 Mixture of Isopropyl alcohol and a silane

**Dangerous components:**

CAS: 67-63-0	propan-2-ol	<100%
EINECS: 200-661-7	 Flam. Liq. 2, H225	
Reg.nr.: 01-2119457558-25-XXXX	 Eye Irrit. 2, H319; STOT SE 3, H336	

**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**

Instantly remove any clothing soiled by the product.

**After inhalation**

Supply fresh air; consult physician in case of symptoms.

**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.

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- **After swallowing** Consult a doctor if symptoms persist
- **4.2 Most important symptoms and effects, both acute and delayed** May cause drowsiness / dizziness.
- **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.
- **5.2 Special hazards arising from the substance or mixture** In the event of a fire, may be released: 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**
- **6.2 Environmental precautions:**  Wear protective equipment. Keep unprotected persons away.  
Prevent material from reaching sewage system, holes and cellars.
- **6.3 Methods and material for containment and cleaning up:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose of contaminated material as waste according to section 13.  
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** Ensure good ventilation/exhaustion at the workplace.  
Prevent formation of aerosols.
- **Information about protection against explosions and fires:**  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.

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- **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:** void  
void
- **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!
- **7.3 Specific end use(s)** No further relevant information available.

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

· **8.1 Control parameters**

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

**67-63-0 propan-2-ol**

WEL	Short-term value: 1250 mg/m <sup>3</sup> , 500 ppm Long-term value: 999 mg/m <sup>3</sup> , 400 ppm
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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.

· **Breathing equipment:**

filter A



In case of short term exposure use respiratory protection. In case of intensive or longer exposure use respiratory protection equipment independent from ambient air.

· **Hand protection**



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**

Butyl rubber, BR  
Nitrile protective gloves  
Use solvent-resistant gloves.

· **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**

Safety glasses recommended during refilling.



Safety glasses

 · **Body protection:**

Work clothes (closed, long-sleeved)

### SECTION 9: Physical and chemical properties

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

##### · General Information

· <b>Colour:</b>	According to product specification
· <b>Smell:</b>	Characteristic
· <b>Odour threshold:</b>	Not determined.
· <b>Melting point/freezing point:</b>	Not determined
· <b>Boiling point or initial boiling point and boiling range</b>	82 °C
· <b>Flammability</b>	Not applicable.
· <b>Lower and upper explosion limit</b>	
· <b>Lower:</b>	2 Vol %
· <b>Upper:</b>	12 Vol %
· <b>Flash point:</b>	13 °C
· <b>Auto-ignition temperature:</b>	425 °C
· <b>Decomposition temperature:</b>	Not determined.
· <b>pH</b>	Not determined.
· <b>Viscosity:</b>	
· <b>Kinematic viscosity</b>	Not determined.
· <b>dynamic:</b>	Not determined.
· <b>Solubility</b>	
· <b>Water:</b>	Not miscible or difficult to mix
· <b>Partition coefficient n-octanol/water (log value)</b>	Not determined.
· <b>Steam pressure at 20 °C:</b>	48 hPa
· <b>Density and/or relative density</b>	
· <b>Density at 20 °C</b>	0.80685 g/cm <sup>3</sup>
	Not determined
· <b>Relative density</b>	Not determined.
· <b>Vapour density</b>	Not determined.

#### · 9.2 Other information

· <b>Appearance:</b>	
· <b>Form:</b>	Liquid
· <b>Important information on protection of health and environment, and on safety.</b>	
· <b>Self-inflammability:</b>	Product is not selfigniting.
· <b>Explosive properties:</b>	Product is not explosive. However, formation of explosive air/steam mixtures is possible.
· <b>Solvent content:</b>	
· <b>Organic solvents:</b>	90.0 %
· <b>Water:</b>	9.5 %
· <b>Change in condition</b>	
· <b>Evaporation rate</b>	Not determined.

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

· <b>Explosives</b>	Void
· <b>Flammable gases</b>	Void
· <b>Aerosols</b>	Void

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· <b>Oxidising gases</b>	Void
· <b>Gases under pressure</b>	Void
· <b>Flammable liquids</b>	Highly flammable liquid and vapour.
· <b>Flammable solids</b>	Void
· <b>Self-reactive substances and mixtures</b>	Void
· <b>Pyrophoric liquids</b>	Void
· <b>Pyrophoric solids</b>	Void
· <b>Self-heating substances and mixtures</b>	Void
· <b>Substances and mixtures, which emit flammable gases in contact with water</b>	Void
· <b>Oxidising liquids</b>	Void
· <b>Oxidising solids</b>	Void
· <b>Organic peroxides</b>	Void
· <b>Corrosive to metals</b>	Void
· <b>Desensitised explosives</b>	Void

### SECTION 10: Stability and reactivity

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

### \* SECTION 11: Toxicological information

· <b>11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008</b>	
· <b>Acute toxicity</b>	Based on available data, the classification criteria are not met.
· <b>Serious eye damage/irritation</b>	Causes serious eye irritation.
· <b>STOT-single exposure</b>	May cause drowsiness or dizziness.
· <b>11.2 Information on other hazards</b>	

· <b>Endocrine disrupting properties</b>	None of the ingredients is listed.
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### \* SECTION 12: Ecological information

· <b>12.1 Toxicity</b>	
· <b>Aquatic toxicity:</b>	No further relevant information available.
· <b>12.2 Persistence and degradability</b>	No further relevant information available.
· <b>12.3 Bioaccumulative potential</b>	No further relevant information available.
· <b>12.4 Mobility in soil</b>	No further relevant information available.
· <b>12.5 Results of PBT and vPvB assessment</b>	
· <b>PBT:</b>	Not applicable.

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- **vPvB:** Not applicable.
- **12.6 Endocrine disrupting properties** The product does not contain substances with 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:** 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.  
Water hazard class 1 (Self-assessment): slightly hazardous for water.

\* **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:** Void
- **Recommendation:** Disposal according to official regulations.

\* **SECTION 14: Transport information**

<ul style="list-style-type: none"> <li>· <b>14.1 UN number or ID number</b></li> <li>· <b>ADR, IMDG, IATA</b></li> </ul>	UN1219
<ul style="list-style-type: none"> <li>· <b>14.2 UN proper shipping name</b></li> <li>· <b>ADR, IMDG, IATA</b></li> </ul>	ISOPROPANOL (ISOPROPYL ALCOHOL)
<ul style="list-style-type: none"> <li>· <b>14.3 Transport hazard class(es)</b></li> <li>· <b>ADR</b></li> </ul>	
<ul style="list-style-type: none"> <li>· <b>Class</b></li> </ul>	3 (F1) Flammable liquids.

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· Label	3
· IMDG, IATA	
	
· Class	3 Flammable liquids.
· Label	3
· 14.4 Packing group	
· ADR, IMDG, IATA	II
· 14.5 Environmental hazards:	
· Marine pollutant:	No
· 14.6 Special precautions for user	
· Warning:	Warning: Flammable liquids.
· Page:	3
· 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)	1L
· 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)	1L
· 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 1219 ISOPROPANOL (ISOPROPYL ALCOHOL), 3, II

**\* 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

P5c FLAMMABLE LIQUIDS

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

5,000 t

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

50,000 t

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- **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	90.0
- **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.
  - H319 Causes serious eye irritation.
  - H336 May cause drowsiness or dizziness.
- **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
  - Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
  - STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
- **\* Data compared to the previous version altered.**