



## Safety Data Sheet according to GB/T 16483-2008

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LOCTITE SF 7452 known as 7452 1.75oz glass botl EN/CH/JP

SDS No. : 153559

V001.12

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### 1. Identification of the substance/preparation and of the company/undertaking

**Product name:** LOCTITE SF 7452 known as 7452 1.75oz glass botl EN/CH/JP

**Intended use:** Primer, containing solvents

**Manufacturer/Importer/Distributor Representative Company**

Henkel Adhesive Technology (Shanghai) Co., Ltd.

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**Revision date:** 15.10.2020

**Emergency information:** Emergency telephone: +86 21 2891 8311 (24h).

### 2. Hazards identification

**Classification of the substance or mixture according to GB 13690-2009 (General rule for classification and hazard communication of chemicals):**

<u>Hazard Class</u>	<u>Hazard Category</u>	<u>Target organ</u>
Flammable liquids	Category 2	
Serious eye damage/eye irritation	Category 2A	
Carcinogenicity	Category 1B	
Specific target organ toxicity - single exposure	Category 3	Central nervous system

**Label elements according to GB 15258-2009 (General rules for preparation of precautionary label for chemicals):**

**Hazard pictogram:**



**Signal word:** Danger

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<b>Hazard statement:</b>	H225 Highly flammable liquid and vapor. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness. H350 May cause cancer.
<b>Prevention:</b>	P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 Keep container tightly closed. P240 Ground and bond container and receiving equipment. P241 Use explosion-proof electrical/ventilating/lighting equipment. P242 Use non-sparking tools. P243 Take action to prevent static discharges. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P264 Wash hands thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/protective clothing/eye protection/face protection.
<b>Response:</b>	P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. P304+P340+P312 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P308+P313 IF exposed or concerned: Get medical advice/attention. P337+P313 If eye irritation persists: Get medical advice/attention. P370+P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.
<b>Storage:</b>	P403+P233 Store in a well-ventilated place. Keep container tightly closed. P403+P235 Store in a well-ventilated place. Keep cool. P405 Store locked up.
<b>Disposal:</b>	P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

### 3. Composition / information on ingredients

**General description:** Mixture  
**Declaration of the ingredients according to GB 13690-2009:**

Hazard component CAS-No.	Content	GHS Classification
acetone 67-64-1	90- <= 100 %	Flammable liquids 2 H225 Serious eye damage/eye irritation 2A H319 Specific target organ toxicity - single exposure 3 H336
N,N-Dimethyl-p-toluidine 99-97-8	0.25- < 1 %	Flammable liquids 4 H227 Acute toxicity 4; Oral H302 Acute toxicity 4; Inhalation H332 Acute toxicity 3; Dermal H311 Carcinogenicity 1B H350 Specific target organ toxicity - repeated exposure 2 H373 Acute hazards to the aquatic environment 3 H402 Chronic hazards to the aquatic environment 3 H412

Only hazardous ingredients for which a classification according to GB 13690-2009 is already available are displayed in this table. For full text of the Hazard statements see section 16 "Other information".

### 4. First aid measures

- Skin contact:** Remove contaminated clothing and footwear.  
Wash with soap and water.  
Wash clothing before reuse.  
If symptoms develop and persist, get medical attention.
- Eye contact:** Immediately flush eyes with plenty of water for at least 15 minutes.  
Seek medical advice.
- Inhalation:** Move to fresh air.  
If breathing is difficult, give oxygen.  
If not breathing, give artificial respiration.  
Seek medical advice.
- Ingestion:** Do not induce vomiting.  
Never give anything by mouth to an unconscious person.  
Keep individual calm.  
Get immediate medical attention.

### 5. Fire fighting measures

- Hazardous combustion products:** Oxides of carbon, oxides of nitrogen, irritating organic vapors.
- Extinguishing media:** Carbon dioxide, foam, powder
- Fire-fighting method:** In case of fire, keep containers cool with water spray.

**Notice and measures for firing fighting:**

Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

**6. Accidental release measures**

**Emergency measures:**

Avoid skin and eye contact.  
Do not let product enter drains.  
Ensure adequate ventilation.

**Clean-up methods:**

For small spills wipe up with paper towel and place in container for disposal.  
For large spills absorb onto inert absorbent material and place in sealed container for disposal.

**7. Handling and storage**

**Notice for handling:**

Use only in well-ventilated areas.  
Vapours should be extracted to avoid inhalation.  
Keep away from sources of ignition - no smoking.

**Notice for storage:**

Refer to Technical Data Sheet

**Temp. limits storage/ transportation:**

Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use.

**8. Exposure controls / personal protection**

Hazardous components	GBZ 2.1-2019	ACGIH	NIOSH	OSHA
acetone	300 mg/m <sup>3</sup> PC-TWA 450 mg/m <sup>3</sup> PC-STEL	250 ppm TWA 500 ppm TWA		none

**Engineering controls:**

Use local ventilation if general ventilation is insufficient to maintain vapor concentration below established exposure limits.

**Respiratory protection:**

Use only in well-ventilated areas.

**Eye protection:**

Wear protective glasses.

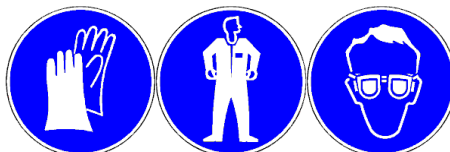
**Body protection:**

Wear suitable protective clothing.

**Hand protection:**

The use of chemical resistant gloves such as Neoprene or Natural Rubber is recommended. Please note that in practice the working life of chemical resistant gloves may be considerably reduced as a result of many influencing factors (e.g. temperature). Suitable risk assessment should be carried out by the end user. If signs of wear and tear are noticed then the gloves should be replaced.

**Pictograms for recommended PPE:**



**9. Physical and chemical properties**

Physical state:	liquid	Appearance:	colourless
Evaporation rate:	Not available.	Odor:	Acetone
pH:	Not applicable	Melting point:	Not available.
Boiling point:	57 °C (134.6 °F)	Density:	0.79 g/cm <sup>3</sup>

Vapor density:	Not available.	Vapor pressure:	Not available.
Flash point:	-17 °C (1.4 °F)	Ignition temperature:	Not available.
Lower explosive limit:	Not available.	Upper explosive limit:	Not available.
Solubility in water	Soluble	Viscosity:	Not available.

Auto-ignition temperature:	Not available.	Flammability:	Not available.
Octanol / water distribution coefficient:	Not available.	Decomposition temperature:	Not available.

VOC: Special functional surface treating agents  
, GB 33372-2020 Limit of volatile organic compounds content in adhesive, Not applicable

**10. Stability and reactivity**

**Stability:** Stable

**Conditions to avoid:** Stable under normal conditions of storage and use.

**Incompatible products:** Reaction with strong acids.  
Reacts with strong oxidants.

**Decomposition products:** Irritating organic vapours.

**Hazardous polymerization:** Will not occur.

**11. Toxicological information**

**General toxicological information:**  
No laboratory animal data available.

**Dermal toxicity:**  
Acute toxicity estimate (ATE) : > 5,000 mg/kg  
Method: Calculation method

**Other remarks:**  
Not available.

**Acute toxicity:**

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
acetone 67-64-1	LD50	5,800 mg/kg	oral	4 h	rat	not specified
	LC50	76 mg/l	inhalation		rat	not specified
	LD50	> 15,688 mg/kg	dermal		rabbit	Draize Test

**Skin corrosion/irritation:**

Hazardous components CAS-No.	Result	Exposure time	Species	Method
acetone 67-64-1	not irritating		guinea pig	not specified

**Serious eye damage/irritation:**

Hazardous components CAS-No.	Result	Exposure time	Species	Method
acetone 67-64-1	irritating		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)

**Respiratory or skin sensitization:**

Hazardous components CAS-No.	Result	Test type	Species	Method
acetone 67-64-1	not sensitising	Guinea pig maximisation test	guinea pig	not specified

**Germ cell mutagenicity:**

Hazardous components CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
acetone 67-64-1	negative negative negative	bacterial reverse mutation assay (e.g Ames test) in vitro mammalian chromosome aberration test mammalian cell gene mutation assay	with and without with and without without		OECD Guideline 471 (Bacterial Reverse Mutation Assay) OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test) OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
acetone 67-64-1	negative	oral: drinking water		mouse	not specified

**Repeated dose toxicity:**

Hazardous components CAS-No.	Result	Route of application	Exposure time / Frequency of treatment	Species	Method
acetone 67-64-1	NOAEL=900 mg/kg	oral: drinking water	13 wdaily	rat	OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)

**12. Ecological information**

**General ecological information:**

Do not empty into drains / surface water / ground water.

**Ecotoxicity:**

Harmful to aquatic organisms.  
May cause long-term adverse effects in the aquatic environment.

**Other adverse effects:**

Not available.

**Toxicity:**

Hazardous components CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
acetone 67-64-1	LC50	8,120 mg/l	Fish	96 h	Pimephales promelas	OECD Guideline 203 (Fish, Acute Toxicity Test)
acetone 67-64-1	EC50	8,800 mg/l	Daphnia	48 h	Daphnia pulex	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
acetone 67-64-1	NOEC	530 mg/l	Algae	8 d	Microcystis aeruginosa	DIN 38412-09
acetone 67-64-1	EC10	1,000 mg/l	Bacteria	30 min	Pseudomonas putida	DIN 38412, part 27 (Bacterial oxygen consumption test)
N,N-Dimethyl-p-toluidine 99-97-8	LC50	46 mg/l	Fish	96 h	Fathead minnow (Pimephales promelas)	other guideline:

**Persistence and degradability:**

Hazardous components CAS-No.	Result	Route of application	Degradability	Method
acetone 67-64-1	readily biodegradable	aerobic	81 - 92 %	EU Method C.4-E (Determination of the "Ready" Biodegradability Closed Bottle Test)

**Bioaccumulative potential / Mobility in soil:**

Hazardous components CAS-No.	LogPow	Bioconcentration factor (BCF)	Exposure time	Species	Temperature	Method
acetone 67-64-1	-0.24					OECD Guideline 107 (Partition Coefficient (n-octanol / water), Shake Flask Method)
N,N-Dimethyl-p-toluidine 99-97-8	2.81				25 °C	not specified

**13. Disposal considerations**

**Product disposal:**

Dispose of in accordance with local and national regulations.

**Disposal of uncleaned packages:**

After use, tubes, cartons and bottles containing residual product should be disposed of as chemically contaminated waste in an authorised legal land fill site or incinerated.

**14. Transport information**

**Road transport CN\_DG:**

Class: 3  
 Packing group: II  
 Classification code:  
 Hazard ident. number:  
 UN no.: 1090  
 Label: 3  
 Technical name: ACETONE

**Marine transport IMDG:**

Class: 3  
 Packing group: II  
 UN no.: 1090  
 Label: 3  
 EmS: F-E ,S-D  
 Seawater pollutant: -  
 Proper shipping name: ACETONE (solution)

**Air transport IATA:**

Class:	3
Packing group:	II
Packaging instructions (passenger):	353
Packaging instructions (cargo):	364
UN no.:	1090
Label:	3
Proper shipping name:	Acetone (solution)

**Notice For Transportation:** Transport according to local and national regulations. Ensure containers will not leak, collapse, or being damaged when transported. DO NOT transport with incompatible materials. Transportation vehicle should be equipped with right fire-fighting equipment in case of emergency. Avoid solarization, drenched and high temperature when transported.

### 15. Regulatory information

The following laws and regulations lay down provisions in terms of chemicals safety use, storage, transportation, loading/unloading, classification as well as symbol.

“Law of the People's Republic of China on Work Safety” (Adopted by the 28th meeting of 9th NPC standing committee on 29th June 2002, revised by 10th meeting of 12nd NPC standing committee on 31st Aug 2014).

Law of the People's Republic of China on the Prevention and Treatment of Occupational Diseases” (Adopted by the 24th meeting of 9th NPC standing committee on 27th October 2001, revised by 7th meeting of 13rd NPC standing committee on 29th Dec 2018).

“Law of the People's Republic of China on environmental protection” (Adopted by 11st meeting of 7th NPC standing committee on 26th December 1989, revised by 8th meeting of 12nd NPC standing committee on 24th Apr 2014).

“Regulation on the Safety Management of Hazardous Chemicals” (Adopted by 32nd State Council executive meeting on 4th December 2013).

“Regulations on License to Work Safety” (Adopted by 54th State Council executive meeting on 29th July 2014).

**China Inventory of Existing Chemicals:** All components are listed or are exempt from Inventory of Existing Chemical Substances in China.

### 16. Other information

**Issue date:** 12.04.2023  
**Issue department:** Product Safety & Regulatory Affairs for China



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**Others:**

**The full text of all abbreviations indicated by codes in this safety data sheet section 3 are as follows:**

H225 Highly flammable liquid and vapor.  
H227 Combustible liquid.  
H302 Harmful if swallowed.  
H311 Toxic in contact with skin.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.  
H336 May cause drowsiness or dizziness.  
H350 May cause cancer.  
H373 May cause damage to organs through prolonged or repeated exposure.