



Plastic Sealant single component

Print date: 22.02.2012

Product code: 81

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

Product identifier

Plastic Sealant single component

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

Details of the supplier of the safety data sheet

Company name:	CTP-GmbH	
Street:	Saalfelder Straße 35	
Place:	D-07338 Leutenberg	
Telephone:	+4936734/230-0	Telefax: +4936734/230-22
e-mail:	hotline@ctp-gmbh.de	
Contact person:	Jens Moeller, Dipl.-Chem.	Telephone: +4936734/230-19
Internet:	www.ctp-gmbh.de	

Further Information

Article Number 21191

SECTION 2: Hazards identification

Classification of the substance or mixture

Indications of danger : Highly flammable, Irritant
R-phrases:
Highly flammable.
Irritating to eyes.
Vapours may cause drowsiness and dizziness.

Label elements

Danger symbols: F - Highly flammable; Xi - Irritant



F - Highly flammable

Xi - Irritant

Hazardous components which must be listed on the label

2-Propanol

R phrases

11	Highly flammable.
36	Irritating to eyes.
67	Vapours may cause drowsiness and dizziness.

S phrases

02	Keep out of the reach of children.
07	Keep container tightly closed.
16	Keep away from sources of ignition - No smoking.
26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
24/25	Avoid contact with skin and eyes.

SECTION 3: Composition/information on ingredients

Mixtures



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Hazardous components

EC No	Chemical name	Quantity
CAS No	Classification	
Index No	GHS classification	
REACH No		
200-661-7	propan-2-ol; isopropyl alcohol; isopropanol	80 - 85 %
67-63-0	F, Xi R11-36-67	
603-117-00-0	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336	

Full text of R- and H-phrases: see section 16.

SECTION 4: First aid measures

Description of first aid measures

General information

Take off immediately all contaminated clothing

After inhalation

Following inhalation: Move victim to fresh air. Consult physician.

After contact with skin

After contact with skin, wash immediately with plenty of Water and soap.
Consult physician.

After contact with eyes

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist.

After ingestion

Rinse mouth thoroughly with water. Let water be swallowed in little sips (dilution effect).
Consult physician.

Indication of any immediate medical attention and special treatment needed

After ingestion of absorption substances:
Give activated carbon, in order to reduce the resorption in the gastro-enteric tract.

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media

Water fog. alcohol resistant foam. Carbon dioxide (CO₂). Extinguishing powder.

Special hazards arising from the substance or mixture

Cool endangered container in case of fire.
Heating causes rise in pressure with risk of bursting.

Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.
Provide adequate ventilation.

Environmental precautions

Do not empty into drains or the aquatic environment.

Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).



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Collect in closed containers for disposal.

SECTION 7: Handling and storage

Precautions for safe handling

Advice on safe handling

Provide adequate ventilation.
Avoid contact with skin and eyes.

Advice on protection against fire and explosion

Take precautionary measures against static discharges. Keep away from sources of ignition. No smoking.
Use explosion-protected machinery, apparatus, suction equipment, appliances etc.

Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place. Keep away from moisture.

SECTION 8: Exposure controls/personal protection

Control parameters

Exposure limits (EH40)

CAS No	Chemical name	ml/m ³	mg/m ³	F/ml	Category	Origin
67-63-0	Propan-2-ol	400	999		TWA (8 h)	WEL
		500	1250		STEL (15 min)	WEL

Exposure controls

Protective and hygiene measures

Provide adequate ventilation.
Do not breathe gas/fumes/vapour/spray.
Avoid contact with skin and eyes.
Take off immediately all contaminated clothing
When using do not eat, drink or smoke.
Protect skin by using skin protective cream.

Respiratory protection

Respiratory protection required in case of: Exceeding critical value aerosol or mist generation.
Wear suitable breathing apparatus (filter typ ABEK).

Hand protection

Suitable material: Butyl rubber, FKM (Fluoroelastomer (Viton)).
Material thickness: 0.4 – 0.5 mm
penetration time >= 480 min In the cases of special applications, it is recommended to check the chemical resistance with the manufacturer of the gloves.

Eye protection

Tightly sealed safety glasses.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Physical state: liquid
Colour: colourless
Odour: alcoholic

Test method



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pH-Value (at 0 °C):	< 2,0 (500 g/l)
Changes in the physical state	
Boiling point:	82 °C
Flash point:	< 21 °C DIN 51755
Lower explosion limits:	2 vol. %
Upper explosion limits:	12 vol. %
Ignition temperature:	425 °C DIN 51794
Vapour pressure:	42 hPa
(at 20 °C)	
Density (at 20 °C):	0,8 g/cm ³ DIN 51757
Water solubility:	miscible.
Viscosity / dynamic:	2 mPa·s DIN 53015
(at 20 °C)	

SECTION 10: Stability and reactivity

Hazardous decomposition products

none
thermal decomposition: standard pressure decomposition distillable
Reacts violently with: Oxidizing agents, strong.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

CAS No	Chemical name	Exposure routes	Method	Dose	Species	h
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol					
	Acute oral toxicity		LD50	5280 mg/kg	rat.	
	Acute dermal toxicity		LD50	12800 mg/kg	Rabbit.	
	Acute inhalation toxicity		LC50	47,5 mg/l	rat.	4

Irritation and corrosivity

Frequently or prolonged contact with skin may cause dermal irritation.
Irritation of eyes: Irritant effect possible.

SECTION 12: Ecological information

Toxicity

CAS No	Chemical name	Aquatic toxicity	Method	Dose	Species	h
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol					
	Acute fish toxicity		LC50	9640 mg/l	Pimephales promelas	96
	Acute algae toxicity		ErC50	1000 mg/l	Algae	72
	Acute crustacea toxicity		EC50	13299 mg/l	Daphnia magna	48

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SECTION 13: Disposal considerations

Waste treatment methods

Advice on disposal

Carry out a burning of hazardous waste according to official regulations.
For this product, the waste identity number according to the European waste catalogue can not be defined because the designated use by the consumer allows the classification first.
Arrange about the exact waste code with the local waste disposal expert.

SECTION 14: Transport information

Land transport (ADR/RID)

UN number: UN1219
UN proper shipping name: ISOPROPANOL (ISOPROPYL ALCOHOL)
Transport hazard class(es): 3
Packing group: II
Hazard label: 3



Classification code: F1
Special Provisions: 601
Limited quantity: 1 L
Transport category: 2
Hazard No: 33
Tunnel restriction code: D/E

Inland waterways transport

UN number: UN1219
UN proper shipping name: ISOPROPANOL (ISOPROPYL ALCOHOL)
Transport hazard class(es): 3
Packing group: II
Hazard label: 3



Classification code: F1
Special Provisions: 601
Limited quantity: 1 L

Marine transport

UN number: UN1219
UN proper shipping name: ISOPROPANOL (ISOPROPYL ALCOHOL)
Transport hazard class(es): 3
Packing group: II
Hazard label: 3

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Marine pollutant: -
Special Provisions: -
Limited quantity: 1 L
EmS: F-E, S-D

Air transport

UN/ID number: UN1219
UN proper shipping name: ISOPROPANOL (ISOPROPYL ALCOHOL)
Transport hazard class(es): 3
Packing group: II
Hazard label: 3



Special Provisions: A180
Limited quantity Passenger: 1 L
IATA-packing instructions - Passenger: 353
IATA-max. quantity - Passenger: 5 L
IATA-packing instructions - Cargo: 364
IATA-max. quantity - Cargo: 60 L

Environmental hazards

Dangerous for the environment: no

SECTION 15: Regulatory information

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

National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

SECTION 16: Other information

Full text of R-phrases referred to under sections 2 and 3

11 Highly flammable.
36 Irritating to eyes.
67 Vapours may cause drowsiness and dizziness.

Full text of H-Statements referred to under sections 2 and 3

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

Further Information

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights.
The receiver of our product is singularly responsible for adhering to existing laws and regulations.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)