

Glass Sealant Component 1

Print date: 21.10.2011

Product code: 120

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

Product identifier

Glass Sealant Component 1

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

Use of the substance/mixture

hydrophobing- and oleophobic agent
 surface-modifier

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: 21151

SECTION 2: Hazards identification

Classification of the substance or mixture

Indications of danger : Highly flammable
 R-phrases:
 Highly flammable.

Label elements

Danger symbols: F - Highly flammable



F - Highly flammable

Hazardous components which must be listed on the label

Ethanol.

R phrases

11 Highly flammable.

S phrases

02 Keep out of the reach of children.
 07 Keep container tightly closed.
 16 Keep away from sources of ignition - No smoking.
 46 If swallowed, seek medical advice immediately and show this container or label.

Other hazards

Vapours may form explosive mixtures with air.

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.		
200-578-6	ethanol, ethyl alcohol	80 - 85 %
64-17-5	F R11	
603-002-00-5	Flam. Liq. 2; H225	

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: Provide fresh air.

After contact with skin

After contact with skin, wash immediately with plenty of Water and soap.
In case of skin irritation, seek medical treatment.

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.



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Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
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
64-17-5	Ethanol	1000	1920		TWA (8 h)	WEL
		-	-		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.



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SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Physical state: liquid
Colour: colourless
Odour: alcoholic

Test method

pH-Value (at 20 °C): 7,2 (1000 g/l)

Changes in the physical state

Boiling point: 78 °C
Flash point: 7 °C DIN 51755

Flammability

Solid: Ethanol.
Lower explosion limits: 3,5 vol. %
Upper explosion limits: 28 vol. %
Ignition temperature: 425 °C DIN 51794

Auto-ignition temperature

Solid: Ethanol.
Vapour pressure: 60 hPa
(at 20 °C)

Density (at 20 °C): 0,8 g/cm³ DIN 51757

Water solubility: miscible.

Viscosity / dynamic: 2 mPa·s DIN 53015
(at 20 °C)

Other information

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
64-17-5	ethanol, ethyl alcohol					
	Acute oral toxicity		LD50	6200 mg/kg	Ratte	
	Acute inhalation toxicity		LC50	95,6 mg/l	Ratte	4

Irritation and corrosivity

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

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SECTION 12: Ecological information

Toxicity

CAS No.	Chemical name			Species	
	Aquatic toxicity	Method	Dose		h
64-17-5	ethanol, ethyl alcohol				
	Acute crustacea toxicity	EC50	9268 - 14221 mg/l	Daphnia magna	48

Bioaccumulative potential

Partition coefficient n-octanol/water

CAS No.	Chemical name	Log Pow
64-17-5	ethanol, ethyl alcohol	-0,31

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: UN1170
UN proper shipping name: ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
Transport hazard class(es): 3
Packing group: II
 Hazard label: 3



Classification code: F1
 Special Provisions: 144 601
 Limited quantity: 1 L
 Transport category: 2
 Hazard-no.: 33
 Tunnel restriction code: D/E

Inland waterways transport

UN number: UN1170
UN proper shipping name: ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
Transport hazard class(es): 3
Packing group: II
 Hazard label: 3

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Classification code: F1
Special Provisions: 144 601
Limited quantity: 1 L

Marine transport

UN number: UN1170
UN proper shipping name: ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
Transport hazard class(es): 3
Packing group: II
Hazard label: 3



Marine pollutant: -
Special Provisions: 144
Limited quantity: 3 L
EmS: F-E, S-D

Air transport

UN/ID number: UN1170
UN proper shipping name: ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
Transport hazard class(es): 3
Packing group: II
Hazard label: 3



Special Provisions: A3 A58 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.



Safety Data Sheet
according to Regulation (EU) No. 1907/2006
care
max



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

H225 Highly flammable liquid and vapour.

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.)