

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

#### 1.1. Product identifier

Product form : Mixture  
Trade name : Contact glue - 400ml  
Product code : TSP 1100

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

##### 1.2.1. Relevant identified uses

Use of the substance/mixture : Industrial uses: Uses of substances as such or in preparations\* at industrial sites  
Professional uses: Public domain (administration, education, entertainment, services, craftsmen)  
Consumer uses: Private households (= general public = consumers)

Function or use category : Non industrial spraying, Industrial spraying

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

Chemical Europe NV  
Baarbeek 2  
2070 Zwijndrecht  
T +32 (0) 3 234 87 80 - F +32 (0) 3 234 87 89  
[info@chemicar.eu](mailto:info@chemicar.eu)

#### 1.4. Emergency telephone number

Emergency number : +32 (0) 3 760 08 09

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Aerosol, Category 1	H222;H229
Specific target organ toxicity — Single exposure, Category 3, Narcosis	H336
Hazardous to the aquatic environment — Chronic Hazard, Category 2	H411
Skin Irrit. 2 Causes skin irritation	H315
Asp. Tox 1 May be fatal if swallowed and enters airways	H304

Full text of H statements : see section 16

##### Adverse physicochemical, human health and environmental effects

No additional information available

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### 2.2. Label elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



Signal word (CLP)

Contains

Hazard statements (CLP)

Precautionary statements (CLP)

EUH-statements

#### Scandinavian countries regulation

Denmark

MAL code

- : Danger
- : Pentane Hydrocarbons, C6, isoalkanes, <5% n-hexane butanone
- : H222 - Extremely flammable aerosol.  
H229 - Pressurised container: May burst if heated.  
H336 - May cause drowsiness or dizziness.  
H411 - Toxic to aquatic life with long lasting effects.  
H315 - Causes skin irritation.
- : P101 - If medical advice is needed, have product container or label at hand.  
P102 - Keep out of reach of children.  
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P211 - Do not spray on an open flame or other ignition source.  
P251 - Do not pierce or burn, even after use.  
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.  
P273 - Avoid release to the environment.  
P280 - Wear protective gloves, eye protection.  
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P312 - Call a POISON CENTRE or doctor if you feel unwell.  
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.  
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.  
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.  
P103 - Read carefully and follow all instructions.  
P321 - Specific treatment (see supplemental first aid instruction on this label).  
P362+P364 - Take off contaminated clothing and wash it before reuse.  
P405 - Store locked up.  
P332+P313 - If skin irritation occurs: Get medical advice/attention.
- : EUH066 - Repeated exposure may cause skin dryness or cracking.

: 5-3

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
dimethyl ether	(CAS-No.) 115-10-6 (EC-No.) 204-065-8 (EC Index-No.) 603-019-00-8	10 – 25	Flam. Gas 1A, H220 Press. Gas

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pentane	(CAS-No.) 109-66-0 (EC-No.) 203-692-4 (EC Index-No.) 601-006-00-1	10 – 25	Flam. Liq. 2, H225 Asp. Tox. 1, H304 STOT SE 3, H336 Aquatic Chronic 2, H411
Hydrocarbons,C6,isoalkanes, <5% n-hexane	(EC-No.) 931-254-9	10 – 25	Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
butane	(CAS-No.) 106-97-8 (EC-No.) 203-448-7 (EC Index-No.) 601-004-00-0	2.5 – 10	Flam. Gas 1A, H220 Press. Gas
butanone; ethyl methyl ketone	(CAS-No.) 78-93-3 (EC-No.) 201-159-0 (EC Index-No.) 606-002-00-3	2.5 – 10	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
propane	(CAS-No.) 74-98-6 (EC-No.) 200-827-9 (EC Index-No.) 601-003-00-5	2.5 – 10	Flam. Gas 1A, H220 Press. Gas

Full text of H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

- First-aid measures after inhalation : In case of loss of conscience place the victim in the recovery position.  
First-aid measures after skin contact : After contact with skin, wash immediately with plenty of water and soap. Rinse with plenty of water.  
First-aid measures after eye contact : Rinse opened eye for several minutes under running water. Then consult doctor.  
First-aid measures after ingestion : Do NOT induce vomiting. Seek urgent medical help. Obtain medical assistance.

### 4.2. Most important symptoms and effects, both acute and delayed

No additional information available

### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

- Suitable extinguishing media : Water fog. extinguishing powder. carbon dioxide (CO<sub>2</sub>). Alcohol resistant foam.  
Unsuitable extinguishing media : Do not use a heavy water stream.

### 5.2. Special hazards arising from the substance or mixture

No additional information available

### 5.3. Advice for firefighters

- Protection during firefighting : Approved respirator.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Wear suitable protective clothing. Evacuate area. Keep public away.

#### 6.1.1. For non-emergency personnel

No additional information available

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### 6.1.2. For emergency responders

No additional information available

### 6.2. Environmental precautions

Notify authorities if product enters sewers or public waters. Prevent entry to sewers and public waters.

### 6.3. Methods and material for containment and cleaning up

Other information : Ensure there is adequate ventilation. Do not flush with water.

### 6.4. Reference to other sections

SECTION 7. SECTION 8. SECTION 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Handle and open container with care. Do not spray on an open flame or other ignition source. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep cool. Protect from sunlight. Store in dry, cool, well-ventilated area. Protect from heat and direct sunlight. Container should not be closed gas-tight.

Special rules on packaging : Container should not be closed gas-tight. Store in a closed container.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Ingredients with limit values that require monitoring at the workplace:		
<b>109-66-0 pentane</b>		
IOELV	Long-term value: 3000 mg/m <sup>3</sup> , 1000 ppm	
<b>115-10-6 dimethyl ether</b>		
IOELV	Long-term value: 1920 mg/m <sup>3</sup> , 1000 ppm	
<b>78-93-3 butanone</b>		
IOELV	Short-term value: 900 mg/m <sup>3</sup> , 300 ppm Long-term value: 600 mg/m <sup>3</sup> , 200 ppm	
<b>DNELs</b>		
<b>109-66-0 pentane</b>		
Oral	DNEL Long term-systemic	214 mg/kg bw/day (Consumer)
Dermal	DNEL Long term-systemic	214 mg/kg bw/day (Consumer) 432 mg/kg bw/day (Worker)
Inhalative	DNEL Long term-systemic	643 mg/m <sup>3</sup> (Consumer) 3000 mg/m <sup>3</sup> (Worker)
<b>Hydrocarbons,C6,isoalkanes, &lt;5% n-hexane</b>		
Oral	DNEL Long term-systemic	1301 mg/kg bw/day (Consumer)
Dermal	DNEL Long term-systemic	1377 mg/kg bw/day (Consumer) 13694 mg/kg bw/day (Worker)
Inhalative	DNEL Long term-systemic	1137mg/m <sup>3</sup> (Consumer) 5306 mg/m <sup>3</sup> (Worker)

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78-93-3 butanone		
Oral	DNEL Long term-systemic	31 mg/kg bw/day (Consumer)
Dermal	DNEL Long term-systemic	412 mg/kg bw/day (Consumer) 1161 mg/kg bw/day (Worker)
Inhalative	DNEL Long term-systemic	106 mg/m <sup>3</sup> (Consumer) 600 mg/m <sup>3</sup> (Worker)
Additional Occupational Exposure Limit Values for possible hazards during processing:		
110-54-3 n- hexane		
IOELV	Long-term value: 72 mg/m <sup>3</sup> , 20 ppm	

## 8.2. Exposure controls

### Appropriate engineering controls:

Wash hands before breaks and after work. Always wash your hands immediately after handling this product, and once again before leaving the workplace. Keep away from food, drink and animal feedingstuffs. Take off immediately all contaminated clothing. Do not breathe gas/vapour/aerosol. Avoid contact with skin and eyes. Avoid contact with skin and eyes.

Materials for protective clothing:		
Condition	Material	Standard
		EN 13034

### Hand protection:

Since the product consists of several substances, the durability of the glove material cannot be estimated and needs to be tested before use. Please follow the instructions related to the permeability and the penetration time provided by the manufacturer. Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
	Nitrile rubber (NBR)		0.5		EN ISO 374

### Eye protection:

Protective goggles

Type	Use	Characteristics	Standard
			EN 166

### Skin and body protection:

Type	Standard
	EN 13034

### Respiratory protection:

Extra personal protection: A/P2 filter respirator for organic vapour and harmful dust

Device	Filter type	Condition	Standard
	Extra personal protection: A/P2 filter respirator for organic vapour and harmful dust		

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Personal protective equipment symbol(s):



### SECTION 9: Physical and chemical properties

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

Physical state	: Gas
Colour	: No data available
Odour	: characteristic.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: -44.5 °C
Flash point	: -97 °C
Auto-ignition temperature	: > 200 °C
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not self-igniting
Vapour pressure	: 5200 hPa
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 0.71 g/cm <sup>3</sup> (20°C)
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Lower explosive limit (LEL)	: 0.6 vol %
Upper explosive limit (UEL)	: 18.6 vol %

#### 9.2. Other information

VOC content : 588.2 g/l VOC-CH : 83,13%

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No additional information available

#### 10.2. Chemical stability

No additional information available

#### 10.3. Possibility of hazardous reactions

No additional information available

#### 10.4. Conditions to avoid

No additional information available

#### 10.5. Incompatible materials

No additional information available

#### 10.6. Hazardous decomposition products

No additional information available

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### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: May cause drowsiness or dizziness.
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

#### LD/LC50 values relevant for classification:

##### Hydrocarbons,C6,isoalkanes, <5% n-hexane

Oral	LD50	>5000 mg/kg (Rat)
Dermal	LD50	>3000 mg/kg (Rabbit)
Inhalative	LC50/4h	>10000 mg/l

##### 78-93-3 butanone

Oral	LD50	>2193 mg/kg (Rat)
Dermal	LD50	>5000 mg/kg (Rabbit) 5000 mg/kg (Rabbit)

### SECTION 12: Ecological information

#### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Toxic to aquatic life with long lasting effects.

#### Aquatic toxicity:

##### 109-66-0 pentane

NOEC (72 h)	7,51 mg/l (Pseudokirchneriella subcapitata)
EC50 (72h)	10,7 mg/l (Pseudokirchneriella subcapitata)
LC50 (96h)	4,26 mg/l (Onc)
EC50 (48h)	2,7 mg/l (Daphnia magna)

##### Hydrocarbons,C6,isoalkanes, <5% n-hexane

LC50	>2 mg/l (Fish)
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##### 78-93-3 butanone

LC50 (96h)	2993 mg/l (Pimephales promelas)
EC50 (96h)	308 mg/l (Daphnia magna)

#### 12.2. Persistence and degradability

No additional information available

#### 12.3. Bioaccumulative potential

No additional information available

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### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Regional legislation (waste) : Do not dispose of with domestic waste. Prevent entry to sewers and public waters.

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN
<b>14.1. UN number</b>			
UN 1950	UN 1950	Not applicable	Not applicable
<b>14.2. UN proper shipping name</b>			
AEROSOLS	AEROSOLS	Not applicable	Not applicable
<b>Transport document description</b>			
UN 1950 AEROSOLS, 2.1, (D), ENVIRONMENTALLY HAZARDOUS	UN 1950 AEROSOLS, 2.1, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS	Not applicable	Not applicable
<b>14.3. Transport hazard class(es)</b>			
2.1	2.1	Not applicable	Not applicable
		Not applicable	Not applicable
<b>14.4. Packing group</b>			
Not applicable	Not applicable	Not applicable	Not applicable
<b>14.5. Environmental hazards</b>			
Dangerous for the environment : Yes	Dangerous for the environment : Yes Marine pollutant : Yes	Not applicable	Not applicable
No supplementary information available			

### 14.6. Special precautions for user

#### Overland transport

Classification code (ADR) : 5F  
Special provisions (ADR) : 190, 327, 344, 625  
Limited quantities (ADR) : 1I  
Excepted quantities (ADR) : E0  
Packing instructions (ADR) : P207  
Special packing provisions (ADR) : PP87, RR6, L2



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Mixed packing provisions (ADR) : MP9  
Transport category (ADR) : 2  
Special provisions for carriage - Packages (ADR) : V14  
Special provisions for carriage - Loading, unloading and handling (ADR) : CV9, CV12  
Special provisions for carriage - Operation (ADR) : S2  
Tunnel restriction code (ADR) : D

### Transport by sea

Special provisions (IMDG) : 63, 190, 277, 327, 344, 381, 959  
Packing instructions (IMDG) : P207, LP200  
Special packing provisions (IMDG) : PP87, L2  
EmS-No. (Fire) : F-D  
EmS-No. (Spillage) : S-U  
Stowage category (IMDG) : None  
Stowage and handling (IMDG) : SW1, SW22  
Segregation (IMDG) : SG69

### Air transport

Not applicable

### Inland waterway transport

Not applicable

## 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

VOC content : 588.2 g/l VOC-CH : 83,13%

#### 15.1.2. National regulations

##### Netherlands

Waterbezuwaarlijkheid : 1 - Black list substance  
SZW-lijst van kankerverwekkende stoffen : None of the components are listed  
SZW-lijst van mutagene stoffen : None of the components are listed  
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding : None of the components are listed  
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid : None of the components are listed  
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling : None of the components are listed

##### Denmark

Class for fire hazard : Class I-1  
Store unit : 1 liter  
Classification remarks : F+ <Aerosol 1>; Emergency management guidelines for the storage of flammable liquids must be followed  
Danish National Regulations : Young people below the age of 18 years are not allowed to use the product  
The requirements from the Danish Working Environment Authorities regarding work with carcinogens must be followed during use and disposal

### 15.2. Chemical safety assessment

No additional information available

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### SECTION 16: Other information

#### Full text of H- and EUH-statements:

Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Asp. Tox. 1	Aspiration hazard, Category 1
Carc. 1A	Carcinogenicity, Category 1A
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Gas 1A	Flammable gases, Category 1A
Flam. Liq. 2	Flammable liquids, Category 2
Muta. 1B	Germ cell mutagenicity, Category 1B
Press. Gas	Gases under pressure
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H225	Highly flammable liquid and vapour.
H229	Pressurised container: May burst if heated.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H340	May cause genetic defects.
H350	May cause cancer.
H411	Toxic to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.