

# Tape Liquid

Liquid sealant  
Riwega | eternitycomfort

Safety Data Sheet: Tape Liquid

dated: 06/07/2018

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

1.1	Product identification	TRADE NAME: Tape Liquid ITEM CODE: 02040700
1.2	Relevant identified uses of the substance or mixture and uses advised against	RELEVANT USES: Emergency sealing
1.3	Information about the supplier of the safety data sheet	RIWEGA Srl Via Isola di Sopra, 28 39044 Egna (BZ) - I Tel. 0471/827500
1.4	Emergency telephone number	Gamper Werner Tel. +39 0471 827500 Email: info@riwega.com

## SECTION 2: Hazard identification

2.1	Substance or mixture classification	<b>Regulation (EC) no. 1272/2008</b> This mixture is not classified as dangerous according to Regulation (EC) No. 1272/2008.
2.2	Label elements	<b>Regulation (EC) no. 1272/2008</b> <b>Special labeling of certain mixtures</b> EUH208 Contains trimethoxyvinylsilane; trimethoxy(vinyl)silane, N-(3-(trimethoxysilyl)propyl)ethylenediamine, octilnone (ISO); 2-octyl-2H-isothiazol-3-one; [OIT]. May cause an allergic reaction. EUH210 Safety data sheet available on request.
2.3	More information	The product hydrolyzes rapidly in the presence of water to: Polymers and Methanol (CAS 67-56-1).

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

**Chemical characterization**  
Mixture of polyurethanes with silane and fillers.

#### Dangerous elements

CAS No	Chemical name			Amount
	EC No	Index No	REACH No	
2768-02-7	trimethoxyvinylsilane			<1%
	220-449-8	014-049-00-0		
	Skin Sens. 1B; H317			
1760-24-3	N-(3-(trimethoxysilyl)propyl)ethylenediamine <			<1%
	217-164-6		01-2119970215-39	
	Eye Dam. 1, Skin Sens. 1B, STOT SE 3; H318 H317 H335			
23432-65-7	[(Dimethoxymethylsilyl)methyl]carbaminsäuremethylester			<1%
	457-690-5		01-0000019371-74	
	Repr. 2; H361fd			
	Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate			<1%
			01-2119491304-40	
	Repr. 2, Skin Sens. 1A, Aquatic Acute 1, Aquatic Chronic 1; H361f H317 H400 H410			

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26530-20-1	octilnone (ISO); 2-octyl-2H-isothiazol-3-one; [OIT]		<0.1%
	247-761-7	613-112-00-5	
	Acute Tox. 2, Acute Tox. 3, Acute Tox. 3, Skin Corr. 1, Eye Dam. 1, Skin Sens. 1A, Aquatic Acute 1, Aquatic Chronic 1; H330 H311 H301 H314 H318 H317 H400 H410 EUH071		

Full text of H and EUH statements: see Section 16.

#### Specific concentration limits, M factors and STA

CAS N	N.CE	Chemical Name	Amount
	Specific concentration limits, M factors and STA		
26530-20-1	247-761-7	octilnone (ISO); 2-octyl-2H-isothiazol-3-one; [OIT]	<0.1%
	by inhalation: ATE 0.27 mg/l (dusts or mists); dermal: ATE 311 mg/kg; orally: ATE 125 mg/kg Skin Sens. 1A; H317: >= 0.0015 - 100 Aquatic Acute 1; H400: M=100 Aquatic Chronic 1; H410: M=100		

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### After inhalation

Provide fresh air. If breathing is irregular or interrupted, begin artificial respiration. Medical treatment necessary.

#### After contact with skin

After contact with skin, wash immediately with plenty of soap and water. Immediately remove all contaminated clothing and wash it before reuse. In case of skin irritation: consult a doctor / seek medical assistance.

#### After contact with eyes

Immediately rinse carefully and thoroughly with eye bath or water. In case of eye irritation, consult an ophthalmologist.

#### After ingestion

Rinse your mouth immediately and drink a glass of water. Do not induce vomiting. Call a doctor immediately.

### 4.2 Description of symptoms and effects (acute and delayed)

No information available.

### 4.3 Indications for medical intervention and/or specific treatments

Treat symptomatically. Methanol (CAS 67-56-1) is easily and rapidly absorbed by all routes of exposure and is toxic by all routes. Methanol can cause mucosal irritation, nausea, vomiting, headache, dizziness and visual disturbances, including blindness (irreversible damage to the optic nerve), acidosis, spasms, narcosis and coma. There may be a delay in the appearance of these effects after exposure. Therefore, methanol poisoning and the latency period, which can be several days, must be considered!

## SECTION 5: Firefighting measures

### 5.1 Fire fighting

#### Suitable extinguishing media

Coordinate firefighting measures in relation to the fire. Water spray, extinguishing powder, alcohol-resistant foam, carbon dioxide, sand.

### 5.2 Special hazards of the substance or mixture

Not inflammable. In case of fire, the following can be released: nitrogen oxides (NOx).

### 5.3 Recommendations for workers

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

**Further information:** Collect contaminated extinguishing water separately. Do not allow to enter sewers or groundwater.

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## SECTION 6: Accidental release measures

6.1	Personal precautions, protective equipment and emergency procedures	Avoid contact with eyes and skin. Avoid breathing dust, fumes, gases, mist, vapors and aerosols.
6.2	Environmental precautions	Do not allow to enter surface waters or sewers.
6.3	Methods and materials for containment and cleanup	Absorb with liquid binding material (e.g. sand, diatomaceous earth, acid or universal binding agents). Treat recovered material as prescribed in the waste disposal section.
6.4	Reference to other sections	Safe handling: See Section 7 Personal protective equipment: see Section 8 Disposal: See Section 13

## SECTION 7: Handling and storage

7.1	Precautions for Safe Handling	<p><b>Tips for safe handling</b> Provide adequate ventilation and local exhaust at critical points. Special risk of slipping due to product leaks/spills. Keep away from clothing and other incompatible materials. (SECTION 10: Stability and reactivity).</p> <p><b>Advice for protection against fire and explosion</b> The product hydrolyzes rapidly in the presence of water to: Polymers and Methanol (CAS 67-56-1). Vapors can form explosive mixtures with air. Keep away from sources of ignition. - Smoking prohibited. Take preventive measures against electrostatic discharge.</p> <p><b>General recommendations for workplace hygiene</b> Remove contaminated clothing. Wash your hands before breaks and at the end of work. Do not eat or drink during use.</p>
7.2	Conditions for safe storage, including any incompatibilities	<p><b>Requirements for containers and storage rooms</b> Keep container tightly closed in a cool, well-ventilated place.</p> <p><b>Instructions for shared storage</b> No special measures necessary.</p> <p><b>Learn more about storage conditions</b> Protect from humidity. Store only in the original container.</p>
7.3	Specific end uses	Waterproofing of buildings to be applied in liquid form.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Exposure limit values (Art.50 para. 3 Accident Prevention Ordinance, OPI, SR 832.30)

CAS No	Substance	ppm	mg/m3	F/m3	Category	Notation	Provenance
26530-20-1	2-n-Octyle-2,3-dihydroisothiazol-3-on - VME 8 h and (inhalable)	-	0.05 0.1		VME 8h VLE courte duree	R,s	

#### Additional Tips Control parameters

The product hydrolyzes rapidly in the presence of water to: Polymers and Methanol (CAS 67-56-1)

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## 8.2 Exposure control

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### Protective and hygiene measures

Remove contaminated clothing. Wash your hands before breaks and after work. Do not eat or drink during use.

### Eye and face protection

Wear eye/face protection.

### Hand protection

When handling chemicals, only wear chemical protective gloves with the CE label, which includes a four-digit test number. The quality of chemical-resistant protective gloves must be chosen based on the specific workplace concentration and quantity of dangerous substances. For special purposes, it is recommended to check the resistance to chemicals of the above-mentioned protective gloves together with the supplier of the gloves themselves. Chemical resistant gloves (EN 374). Materials suitable for short-term contact or splashes (at least protection index 2, corresponding to > 30 minutes of permeation time according to EN 374): Neoprene®, PVC, butyl or nitrile rubber. Materials suitable for longer direct contact (at least protection index 6, corresponding to > 480 minutes of permeation time according to EN 374): Neoprene®, Viton®, PVC, butyl or nitrile rubber.

### Skin protection

Wear suitable protective clothing while working.

### Respiratory protection

In case of inadequate ventilation wear respiratory protection.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state: pasty  
Color: Grey  
Smell: like Menthol  
Boiling point or initial boiling point and boiling range: not applicable  
Flammability: not determined  
Lower explosive limits: not determined  
Upper explosive limits: not determined  
Flash point: 132°C  
Decomposition temperature: not determined  
pH value: not determined  
Water solubility: slightly soluble  
Solubility in other solvents: not determined  
Partition coefficient n-octanol/water: not determined  
Vapor pressure: not determined  
Density (at 23 °C): 1.27 g/cm³  
Relative vapor density: not determined

### 9.2 Further information

#### Information regarding physical hazard classes

Auto-ignition temperature:

- Solid: Not applicable
- Gas: not applicable

Oxidizing properties: Non-oxidizing.

#### Other safety features

Evaporation rate: not determined  
Contents of solids: not determined  
Viscosity / dynamic: 3 000 000 - 4 000 000 mPa s pasty

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## SECTION 10: Stability and reactivity

10.1	Reactivity	No dangerous reactions if handled and stored as directed.
10.2	Chemical stability	The product is stable in storage at normal ambient temperatures.
10.3	Possibility of dangerous reactions	No known dangerous reactions.
10.4	Conditions to avoid	None.
10.5	Incompatible materials	Reacts with: water, acid and base. Formation of: methanol (CAS 67-56-1).
10.6	Hazardous decomposition products	No known hazardous decomposition products.

## SECTION 11: Toxicological information

11.1

Information on the hazard classes defined in Regulation (EC) No. 1272/2008

ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (cutaneous) > 2000 mg/kg; ATE (vapour inhalation) > 20 mg/l; ATE (dust/mist inhalation) > 5 mg/l

Acute toxicity

CAS No	Chemical name				
	Route of exposure	Doses	Species	Source	Method
26530-20-1	octilinone (ISO); 2-octyl-2H-isothiazol-3-one; [OIT]				
	Oral	ATE 125 mg/kg			
	cutaneous	ATE 311 mg/kg			
	inhalation of dust, fog	ATE 0.27 mg/l			

Further data for analyses:

The mixture is not classified as dangerous according to Regulation (EC) No. 1272/2008 [CLP].

11.2

Information about other hazards

Further data:May cause an allergic reaction

Learn more about testing

The mixture is classified as non-hazardous according to Regulation (EC) No. 1272/2008 [CLP].

## SECTION 12: Ecological information

12.1 Toxicity

The product is not eco-toxic.

CAS No	Chemical name						
	Aquatic toxicity	Amount		[h] / [d]	Species	Source	Method
2768-02-7	Trimethoxyvinylsilane						
	Acute toxicity to fish	LD50	191 mg/l	96h	Oncorhynchus mykiss (rainbow trout)		
	Acute toxicity to algae	ErC50	210 mg/l	72h	Selenastrum capricornutum		
	Acute toxicity to crustaceans	EC50	169 mg/l	48h	Daphnia magna (Big water OECD 202 flea)	OECD 202	
	Toxicity to fish	NOEC	28 mg/l	21d	Daphnia magna (Big water flea)		

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## 12.2 Persistence and degradability

The product has not been tested.

CAS No	Chemical name			
	Method	Value	d	Source
	Assessment			
2768-02-7	Trimethoxyvinylsilane			
	Biochemical Oxygen Demand (BOD)	51%	28	
	Moderately / partially biodegradable			

## 12.3 Bioaccumulative potential

The product has not been tested.

## 12.4 Mobility in soil

The product has not been tested.

## 12.5 Results of PBT and vPvB assessment

The product has not been tested.

## 12.6 Additional harmful effects

No information available.

**Further information:** Avoid release into the environment.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Disposal recommendations

Do not allow contamination of surface water or sewerage. Dispose of waste according to applicable legislation. By adhering to the official regulations, it can be disposed of in a special incinerator. The hardened residual material can be disposed of with household waste.

#### Packaging disposal:

For orderly disposal, containers must be emptied completely without dripping immediately after removing the last product. Empty sheet metal packaging can be fed into the sheet metal packaging steel cycle.

#### Waste waste code from residues/unused products

080410

WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITORIALI ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; waste from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants other than those mentioned in 08 04 09

#### Waste disposal code of the used product

080410

WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITORIALI ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; waste from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants other than those mentioned in 08 04 09

#### Contaminated packaging

Wash thoroughly with water. Completely empty packages can be recycled.

## SECTION 14: Transport information

### Land transport (ADR/RID)

#### 14.1 UN number

No danger within the meaning of this transport regulation

#### 14.2 UN shipping name

No danger within the meaning of this transport regulation

#### 14.3 Transport danger class

No danger within the meaning of this transport regulation

#### 14.4 Expedition group

No danger within the meaning of this transport regulation

### Inland waterway transport (ADN)

#### 14.1 UN number

No danger within the meaning of this transport regulation

#### 14.2 UN shipping name

No danger within the meaning of this transport regulation

#### 14.3 Transport danger class

No danger within the meaning of this transport regulation

#### 14.4 Expedition group

No danger within the meaning of this transport regulation

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<b>Maritime transport (IMDG)</b>		No danger within the meaning of this transport regulation
14.1	UN number	No danger within the meaning of this transport regulation
14.2	UN shipping name	No danger within the meaning of this transport regulation
14.3	Transport danger class	No danger within the meaning of this transport regulation
14.4	Expedition group	No danger within the meaning of this transport regulation
<b>Air transport (ICAO-TI/IATA-DGR)</b>		No danger within the meaning of this transport regulation
14.1	UN number	No danger within the meaning of this transport regulation
14.2	UN shipping name	No danger within the meaning of this transport regulation
14.3	Transport danger class	No danger within the meaning of this transport regulation
14.4	Expedition group	Dangerous for the environment: no.
14.5	Environmental hazards	
14.6	Special user precautions	No information available.
14.7	Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.

## SECTION 15: Regulatory information

15.1	Health, safety and environmental regulations / legislation specific for the substance or mixture	<b>EU regulatory information:</b> Restrictions on use (REACH, Annex XVII): Registration 75 <b>Additional Information</b> To be followed: 850/2004/EC, 79/117/EEC, 689/2008/EC <b>National regulatory information</b> Absorption / skin sensitization: triggers hypersensitivity reactions.
15.2	Chemical safety assessment	No chemical safety assessments have been carried out for the substances contained in this mixture.

## SECTION 16: Other information

### Abbreviations and acronyms

Acute Tox: Acute toxicity  
Skin Corr: Skin corrosion  
Eye Dam: Serious eye damage  
Skin Sens: Skin sensitization  
Repr: Reproductive toxicity  
STOT SE: Specific target organ toxicity - single exposure  
Aquatic Acute: Acute danger to the aquatic environment  
Aquatic Chronic: Chronic danger to the aquatic environment  
ADR: European agreement on the transport of dangerous goods by 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 Harmonized System of Classification and Labeling of Chemicals  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service  
LC50: Lethal concentration, 50%  
LD50: Lethal dose, 50%

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**Text of H and EUH phrases (number and full text)**

H301 Toxic if swallowed.

H311 Toxic in contact with skin.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H330 Fatal if inhaled.

H335 May cause respiratory irritation.

H361f Suspected of damaging fertility.

H361fd Suspected of damaging fertility Suspected of damaging the unborn child.

H400 Very toxic to aquatic organisms.

H410 Very toxic to aquatic life with long lasting effects.

EUH071 Corrosive to the respiratory tract.

EUH208 Contains trimethoxyvinylsilane; trimethoxy(vinyl)silane, N-(3

-(trimethoxysilyl)propyl)ethylenediamine, octilnone (ISO); 2-octyl-2H-isothiazol-3-one; [OIT].

May cause an allergic reaction.

EUH210 Safety data sheet available on request.Further information

The above information describes only the safety requirements of the product and is based on our current knowledge. The information is intended to provide advice on the safe handling of the product indicated in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new packaged material. The current version of this safety data sheet is available on our website [www.riwega.com](http://www.riwega.com).

***This Safety Data Sheet has been translated into Italian based on the original German version. Riwega srl is not responsible for incorrect translations and therefore please refer to the original in German, which can be downloaded from the website [www.riwega.com](http://www.riwega.com)***