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## Sprayglue temporal 400 ml

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

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#### 1.1 - Product identifier

Trade name/designation	Sprayglue temporal 400 ml
Chemical name	
Product-type	Mixture
Product code	BRG145501
UFI:	U800-60W4-700A-GQ3G

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

<u>Relevant identified uses</u>	- Adhesives, sealants
	- Consumer uses: Private households (= general public = consumers)

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

Büroring eG  
Siemensstr. 7  
D-42781 Haan, GERMANY  
Telephone : +32 9 380 8248

#### 1.4 - Emergency telephone number

- Health and Safety Executive (HSE) (United Kingdom)  
Tel. No.: +44 0151 922 9235 United Kingdom

Poison Control Centre (Austria)  
Tel. No.: +43 1 406 4343

Antigif Centrum Centre Antipoisons (Belgium)  
Tel. No.: +32 070 245 245

National Toxicology Centre, Hospital for Active Medical Treatment and Emergency Medicine "N.I.Pirogov"  
(Bulgaria)  
Tel. No. / fax: +359 2 9154 233

Poison Control Centre (Croatia)  
Tel. No.: +385 1 234 8342

Toxicological Information Centre (Czech Republic)  
Tel. No.: +420 224 919 293 / +420 224 915 402

Poison Control Hotline (Denmark)  
Tel. No.: +45 82 12 12 12

Poisoning Information Centre (Estonia)  
Tel. No.: +372 794 3794 (or 16662 national)

Poison Information Centre (Finland)  
Tel. No.: +358 09 471 977

ORFILA (INERIS) (France)  
Tel. No.: +33 (0) 1 45 42 59 59

Health Toxicological Information Service (Hungary)  
Tel. No.: +36 80 20 11 99

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Poison Centre (Iceland)  
Tel. No.: +354 543 2222

CAV Milano Niguarda Ca' Granda (Italy)  
Tel. No.: +39 02 66101029  
CAV "Osp. Pediatrico Bambino Gesù" Dip. Emergenza e Accettazione DEA  
Tel. No.: +39 06 68593726

Valsts Toksikoloģijas centrs, Saindēšanās un zāļu informācijas centrs (Latvia)  
Tel. No.: +371 670 42473

The State Medicines Control Agency (SMCA), Poison Information Bureau (PIB) (Lithuania)  
Tel. No.: +370 5 236 20 52

Mater Dei Hospital (Malta)  
Tel. No.: +356 2545 0000

National Poisons Information Centre (NVIC) (Netherlands)  
Tel. No.: +31 (0) 30 274 8888

Mental Health Helpline (Norway)  
Tel. No.: +47 22 59 13 00

Instituto Nacional de Emergência Médica (Portugal)  
Tel. No.: +351 213 303 271

Biroul RSI si Informare Toxicologica (Romania)  
Tel. No.: +40 021 318 3606

National Toxicological Information Centre (NTIC) (Slovakia)  
Tel. No.: +421 2 5477 4166

Toxicology Information Service (Spain)  
Tel. No.: +34 91 562 04 20

Swedish Poisons Information Centre (Sweden)  
Tel. No.: +46 08 331231

Emergency Action (United Kingdom): Emergency phone number when using this product Tel. No.: +370 682 54054 (phone number is available from 8 am - 10 pm/ Monday-Friday; Kaunas, Lithuania).  
In the event of a medical enquiry involving this product, please contact your doctor or local hospital accident and emergency department.

## SECTION 2: Hazards identification

### 2.1 - Classification of the substance or mixture

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

Eye Irrit. 2	Eye irritation - Category 2
Aerosol 1	Aerosol - Category 1
STOT SE 3 (H336)	STOT-single exposure - Category 3 (H336)

### 2.2 - Label elements

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

Signal word : Danger

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### Hazard pictograms



### Hazard statements

H222	Extremely flammable aerosol
H229	Pressurised container: May burst if heated
H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness

### Precautionary statements

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.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
EUH-phrases	: None

### 2.3 - Other hazards

PBT-substance. - This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

vPvB-substance. - This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

## SECTION 3: Composition / information on ingredients

### 3.1 - Substances

Not applicable

### 3.2 - Mixtures

Chemical name	No	%	Class(es)	Specific concentration limit
butane	CAS No. : 106-97-8 Index No. : 601-004-00-0 EC No. : 203-448-7	>= 40 - <= 45	Flam. Gas 1 - H220 Press. Gas	Not applicable
propane	CAS No. : 74-98-6 Index No. : 601-003-00-5 EC No. : 200-827-9	>= 20 - <= 25	Flam. Gas 1 - H220 Press. Gas	Not applicable
propan-2-ol, isopropyl alcohol, isopropanol	CAS No. : 67-63-0 Index No. : 603-117-00-0 EC No. : 200-661-7	>= 10 - <= 12.5	Eye Irrit. 2 - H319 Flam. Liq. 2 - H225 STOT SE 3 (H336) - H336	Not applicable
ethanol, ethyl alcohol	CAS No. : 64-17-5 Index No. : 603-002-00-5 EC No. : 200-578-6	>= 10 - <= 12.5	Flam. Liq. 2 - H225	Not applicable

## SECTION 4: First aid measures

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### 4.1 - Description of first aid measures

<u>Following inhalation</u>	- No special measures are necessary. - Provide fresh air.
<u>Following skin contact</u>	- Wash immediately with: Water - When in doubt or if symptoms are observed, get medical advice.
<u>After eye contact</u>	- Rinse immediately carefully and thoroughly with eye-bath or water. - In case of eye irritation consult an ophthalmologist.
<u>After ingestion</u>	- Rinse mouth thoroughly with water. - Do NOT induce vomiting.

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

<u>Symptoms and effects - Following inhalation</u>	- No information available.
<u>Symptoms and effects - Following skin contact</u>	- No information available.
<u>Symptoms and effects - After eye contact</u>	- Causes eye irritation.
<u>Symptoms and effects - After ingestion</u>	- No information available.

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

- In case an intoxication is suspected, National Poisons Information Centre should be addressed immediately, number of Emergency telephone see in section 1.4.
- Treat symptomatically.

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## SECTION 5: Firefighting measures

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### 5.1 - Extinguishing media

<u>Suitable extinguishing media</u>	- ABC-powder - Carbon dioxide (CO <sub>2</sub> ) - Foam - Extinguishing powder
<u>Unsuitable extinguishing media</u>	- Full water jet

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

<u>Special hazards arising from the substance or mixture</u>	- No information available.
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### 5.3 - Advice for firefighters

- Co-ordinate fire-fighting measures to the fire surroundings.

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## SECTION 6: Accidental release measures

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

<u>For non-emergency personnel</u>	- Use personal protection equipment.
<u>For emergency responders</u>	- No information available.

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### 6.2 - Environmental precautions

- No information available.

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

Methods and material for containment - No information available.

Methods and material for cleaning up - Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).  
- Wash with plenty of water.

Inappropriate techniques - No information available.

### 6.4 - Reference to other sections

- Disposal: see section 13  
- Personal protection equipment: see section 8

## SECTION 7: Handling and storage

### 7.1 - Precautions for safe handling

Recommendation - Avoid: Eye contact  
- It is recommended to design all work processes always so that the following is excluded: Eye contact

Advices on general occupational hygiene - No information available.

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

- No information available.

### 7.3 - Specific end use(s)

## SECTION 8: Exposure controls/personal protection

### 8.1 - Control parameters

<b>butane (106-97-8)</b>	
IOELV TWA mg/m <sup>3</sup> (UE)	1450 mg/m <sup>3</sup>
IOELV TWA ppm (UE)	600 ppm
TWA EH40 ppm (UK)	600 ppm
TWA EH40 mg/m <sup>3</sup> (UK)	1450 mg/m <sup>3</sup>
STEL EH40 ppm (UK)	750 ppm
STEL EH40 mg/m <sup>3</sup> (UK)	1810 mg/m <sup>3</sup>
<b>propan-2-ol, isopropyl alcohol, isopropanol (67-63-0)</b>	
TWA EH40 ppm (UK)	400 ppm
TWA EH40 mg/m <sup>3</sup> (UK)	999 mg/m <sup>3</sup>
STEL EH40 ppm (UK)	500 ppm
STEL EH40 mg/m <sup>3</sup> (UK)	1250 mg/m <sup>3</sup>
<b>ethanol, ethyl alcohol (64-17-5)</b>	
TWA EH40 ppm (UK)	1000 ppm
TWA EH40 mg/m <sup>3</sup> (UK)	1920 mg/m <sup>3</sup>

DNEL / PNEC

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### propan-2-ol, isopropyl alcohol, isopropanol (67-63-0)

Type	Value	User	Effect
DNEL long-term oral (repeated)	26 mg/kg bw/day	Consumers	Systemic
DNEL long-term inhalative	500 mg/m3	Workers	Systemic
DNEL long-term inhalative	89 mg/m3	Consumers	Systemic
DNEL long-term dermal	319 mg/kg bw/day	Consumers	Systemic
DNEL long-term dermal	888 mg/kg bw/day	Workers	Systemic
PNEC aquatic, freshwater	140.9 mg/l		
PNEC aquatic, marine water	140.9 mg/l		
PNEC aquatic, intermittent release	140.9 mg/l		
PNEC sediment, freshwater	552 mg/kg		
PNEC sediment, marine water	552 mg/kg		
PNEC Secondary Poisoning	160 mg/kg		
PNEC sewage treatment plant (STP)	2251 mg/l		

### ethanol, ethyl alcohol (64-17-5)

Type	Value	User	Effect
DNEL long-term oral (repeated)	87 mg/kg bw/day	Consumers	Systemic
DNEL acute inhalative	1900 mg/m3	Workers	Local
DNEL acute inhalative	950 mg/m3	Consumers	Local
DNEL long-term inhalative	114 mg/m3	Consumers	Systemic
DNEL long-term inhalative	950 mg/m3	Workers	Systemic
DNEL long-term dermal	343 mg/kg bw/day	Workers	Systemic
DNEL long-term dermal	206 mg/kg bw/day	Consumers	Systemic
PNEC aquatic, freshwater	960 mg/l		
PNEC aquatic, marine water	790 mg/l		
PNEC aquatic, intermittent release	2.75 mg/l		
PNEC sediment, freshwater	3.6 mg/kg		
PNEC sediment, marine water	2.9 mg/kg		
PNEC Secondary Poisoning	380 mg/kg		
PNEC sewage treatment plant (STP)	580 mg/l		

## 8.2 - Exposure controls

Appropriate engineering controls

- No information available.

Individual protection measures, such as personal protective equipment

- Suitable eye protection: Eye glasses with side protection

- Suitable eye protection: Dust protection eye glasses

- Suitable protective clothing: lab coat



## SECTION 9: Physical and chemical properties

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

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<u>Physical state</u>	Liquid	<u>Appearance</u>	Aerosol
<u>Colour</u>	colourless	<u>Odour</u>	characteristic
Odour threshold	No data available		
pH	No data available		
Melting point	No data available		
Freezing point	> -20 °C		
Boiling point	No data available		
Flash point	> -20 °C		
Evaporation rate	No data available		
flammability	No data available		
Lower explosion limit	No data available		
Upper explosion limit	No data available		
Vapour pressure	No data available		
Vapour density	No data available		
Relative density	No data available		
Density	0.617 g/cm <sup>3</sup>		
Solubility (Water)	No data available		
Solubility (Ethanol)	No data available		
Solubility (Acetone)	No data available		
Solubility (Organic solvents)	No data available		
Log KOC	No data available		
Auto-ignition temperature	No data available		
Decomposition temperature	No data available		
Kinematic viscosity	No data available		
Dynamic viscosity	No data available		

### Particle characteristics

Particle size	No data available
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### 9.2 - Other information

VOC content	87.398 %
Minimum ignition energy	No data available
Conductivity	No data available

## **SECTION 10: Stability and reactivity**

### 10.1 - Reactivity

- This material is considered to be non-reactive under normal use conditions.

### 10.2 - Chemical stability

- The product is chemically stable under recommended conditions of storage, use and temperature.

### 10.3 - Possibility of hazardous reactions

- No hazardous reaction when handled and stored according to provisions.

### 10.4 - Conditions to avoid

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- No information available.

10.5 - Incompatible materials

- No information available.

10.6 - Hazardous decomposition products

- Does not decompose when used for intended uses.

### SECTION 11: Toxicological information

11.1 - Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity - Not classified

Toxicity : Mixture

LD50 oral (rat)	No data available
LD50 dermal (rat)	No data available
LD50 dermal (rabbit)	No data available
LC50 inhalation (rat)	No data available
LC50 inhalation dusts and mists (rat)	No data available
LC50 inhalation vapours (rat)	No data available

- Based on available data, the classification criteria are not met.

Toxicity : Substances

<b>butane (106-97-8)</b>	
LC50 inhalation (rat)	> 800000 ppmV
LC50 inhalation vapours (rat)	658 mg/l
<b>propane (74-98-6)</b>	
LC50 inhalation (rat)	> 800000 ppmV
LC50 inhalation vapours (rat)	20 mg/l
<b>propan-2-ol, isopropyl alcohol, isopropanol (67-63-0)</b>	
LD50 oral (rat)	5840 mg/kg
LD50 dermal (rabbit)	13900 mg/kg
LC50 inhalation vapours (rat)	5000 mg/l
<b>ethanol, ethyl alcohol (64-17-5)</b>	
LD50 oral (rat)	10470 mg/kg
LD50 dermal (rat)	17100 mg/kg
LC50 inhalation vapours (rat)	124.7 mg/l

Skin corrosion/irritation - Not classified

Serious eye damage/eye irritation - Eye irritation - Category 2 - Causes serious eye irritation

- Irritating to eyes.

Respiratory or skin sensitisation - Not classified

Germ cell mutagenicity - Not classified

Carcinogenicity - Not classified

Reproductive toxicity - Not classified



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STOT-single exposure - STOT-single exposure - Category 3 (H336) - May cause drowsiness or dizziness

STOT-repeated exposure - Not classified

Aspiration hazard - Not classified

### 11.2 - Information on other hazards

- This substance does not have endocrine disrupting properties with respect to humans.

## SECTION 12: Ecological information

### 12.1 - Toxicity

#### Toxicity : Mixture

EC50 48 hr crustacea	No data available
LC50 96 hr fish	No data available
ErC50 algae	No data available
ErC50 other aquatic plants	No data available
NOEC chronic fish	No data available
NOEC chronic crustacea	No data available
NOEC chronic algae	No data available
NOEC chronic other aquatic plants	No data available

#### Toxicity : Substances

<b>butane (106-97-8)</b>	
LC50 96 hr fish	24.11 mg/l < V < 147.54 mg/l
ErC50 algae	7.71 mg/l < V < 16.5 mg/l
ErC50 other aquatic plants	7.02 mg/l < V < 69.43 mg/l
<b>propane (74-98-6)</b>	
LC50 96 hr fish	24.11 mg/l < V < 147.54 mg/l
ErC50 algae	7.71 mg/l < V < 16.5 mg/l
ErC50 other aquatic plants	7.02 mg/l < V < 69.43 mg/l
<b>propan-2-ol, isopropyl alcohol, isopropanol (67-63-0)</b>	
EC50 48 hr crustacea	1000 mg/l
LC50 96 hr fish	9640 mg/l
ErC50 algae	> 100 mg/l
NOEC chronic algae	1800 mg/l
<b>ethanol, ethyl alcohol (64-17-5)</b>	
LC50 96 hr fish	11200 mg/l
ErC50 algae	275 mg/l
ErC50 other aquatic plants	5012 mg/l
NOEC chronic fish	250 mg/l
NOEC chronic algae	11.5 mg/l
NOEC chronic other aquatic plants	9.6 mg/l

- The substance/mixture does not fulfill the criteria of the acute aquatic toxicity according to Regulation (EC) No 1272/2008 [CLP], Annex I.

### 12.2 - Persistence and degradability

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Biochemical oxygen demand (BOD)	No data available
Chemical oxygen demand (COD)	No data available
% of biodegradation in 28 days	No data available

- No information available.

### 12.3 - Bioaccumulative potential

Bioconcentration factor (BCF)	No data available
Log KOC	No data available

- No indication of bioaccumulation potential.

### 12.4 - Mobility in soil

- No information available.

### 12.5 - Results of PBT and vPvB assessment

- This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

- This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

### 12.6 - Endocrine disrupting properties

- The product contains a substance that is identified as having endocrine disrupting properties.

### 12.7 - Other adverse effects

- No information available.

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## SECTION 13: Disposal considerations

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### 13.1 - Waste treatment methods

Waste treatment methods - Dispose of waste according to applicable legislation.

Sewage disposal - No information available.

Special precautions for waste treatment - Do not allow to enter into surface water or drains.

Community or national or regional provisions - No information available.

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## SECTION 14: Transport information

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### 14.1 - UN number or ID number

UN number (ADR) : UN1950

UN number (RID) : UN1950

UN number (ADN) : UN1950

UN number (IMDG) : UN1950

UN number (IATA) : UN1950

### 14.2 - UN proper shipping name

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UN proper shipping name (ADR) : AEROSOLS  
UN proper shipping name (RID) : AEROSOLS  
UN proper shipping name (ADN) : AEROSOLS  
UN proper shipping name (IMDG) : AEROSOLS  
UN proper shipping name (IATA) : AEROSOLS, FLAMMABLE

### 14.3 - Transport hazard class(es)

ADR Transport hazard class(es) : 2  
ADR Classification code: : 5F  
Pictograms



Transport hazard class(es) (RID) : 2  
Pictograms



Transport hazard class(es) (ADN) : 2  
Pictograms



Transport hazard class(es) (IMDG) : 2  
Pictograms



Transport hazard class(es) (IATA) : 2  
Pictograms



### 14.4 - Packing group

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## Sprayglue temporal 400 ml

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Packing group :  
Packing group (RID) :  
Packing group (ADN) :  
Packing group (IMDG) :  
Packing group (IATA) :

### 14.5 - Environmental hazards

Environmental hazards : No  
Marine pollutant : No

### 14.6 - Special precautions for user

#### **ADR**

ADR Classification code: : 5F  
ADR Special provisions : 190+327+344+625  
ADR Limited quantity (LQ) : 1L  
ADR Excepted quantities : E0  
ADR Packing instructions : P207 LP200  
ADR Special packing provisions : PP87 RR6 L2  
ADR Mixed packing provisions : MP9  
Instructions for portable tanks and bulk containers :  
Special provisions for portable tanks and bulk containers :  
ADR tank code :  
ADR tanks special provisions :  
Vehicle for tank carriage :  
ADR Transport category : 2  
ADR Tunnel restriction code : D  
ADR Special provisions loading, unloading and handling : CV9 CV12  
Special provisions - Packages : V14  
Special provisions - Bulk :  
Special provisions - Operation : S2  
ADR Hazard identification number (Kemler No.) :

#### **RID**

Special provisions :  
Limited quantity (LQ) :  
Excepted quantities :

#### **ADN**

Special provisions :  
Limited quantity (LQ) :  
Excepted quantities :

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### **IMDG**

<u>Special provisions</u>	:	63 190 277 327 344 381 959
<u>Limited quantity (LQ)</u>	:	
<u>Excepted quantities</u>	:	E0
<u>Packing instructions</u>	:	P207 LP200
<u>Special packing provisions</u>	:	PP87 L2
<u>IBC instruction(s)</u>	:	
<u>IBC provisions</u>	:	
<u>Instructions for portable tanks and bulk containers</u>	:	
<u>Special provisions for portable tanks and bulk containers</u>	:	
<u>EmS codes</u>	:	F-D, S-U
<u>Stowage and handling</u>	:	Category None SW1 SW22
<u>Segregation</u>	:	SG69
<u>Properties and observations</u>	:	

### **IATA**

<u>PCA - Excepted quantities</u>	:	E0
<u>PCA - Limited Quantity - Packing Instructions</u>	:	Y203
<u>PCA - Limited Quantity - Maximum Net Quantity per Package</u>	:	30kg
<u>PCA - Packing Instructions</u>	:	203
<u>PCA - Maximum Net Quantity per Package</u>	:	75kg
<u>CAO - Packing Instructions</u>	:	203
<u>CAO - Maximum Net Quantity per Package</u>	:	150kg
<u>Special Provisions</u>	:	A145 A167 A802
<u>ERG Code</u>	:	10L

14.7 - Maritime transport in bulk according to IMO instruments

## **SECTION 15: Regulatory information**

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

<u>Substances REACH candidates</u>	None
<u>Substances Annex XIV</u>	None
<u>Substances Annex XVII</u>	None
<u>VOC content</u>	87.398 %

15.2 - Chemical Safety Assessment

Chemical safety assessment carried out for the product - No information available.

## **SECTION 16: Other information**

SDS versions

Version	Issue date	Author	Description of the amendments
1	12/22/2022		

Texts of the regulatory sentences

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Aerosol 1	Aerosol - Category 1
Eye Irrit. 2	Eye irritation - Category 2
Eye Irrit. 2A	Eye irritation - Category 2A
Flam. Gas 1	Flammable gas. - Category 1
Flam. Liq. 2	Flammable liquid and vapour. - Category 2
H220	Extremely flammable gas
H222	Extremely flammable aerosol
H225	Highly flammable liquid and vapour
H229	Pressurised container: May burst if heated
H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness
Press. Gas	Gases under pressure
STOT SE 3 (H336)	STOT-single exposure - Category 3 (H336)

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