Safety data sheet
according to UK REACH

Printing date 10.12.2025 Version number 5 (replaces version 4) Revision: 10.12.2025

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

· **1.1 Product identifier**

· **Trade name: Mipa Spot-Sealer-Spray**
· **1.2 Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
· **Application of the substance / the mixture** Paint

· **1.3 Details of the supplier of the safety data sheet**
· **Manufacturer/Supplier:**
MIPA SE
Am Oberen Moos 1
D-84051 Essenbach
Tel.: +49 8703 92 20
Fax.: +49 8703 92 21 00
e-mail: sdb-registratur@mipa-paints.com
www.mipa-paints.com
· **1.4 Emergency telephone number:** International emergency number: +49(0)700 24112112 (MIP)

*

SECTION 2: Hazards identification

· **2.1 Classification of the substance or mixture**
· **Classification according to Regulation (EC) No 1272/2008**



GHS02 flame

Aerosol 1	H222-H229	Extremely flammable aerosol. Pressurised container: May burst if heated.



GHS07

Eye Irrit. 2	H319	Causes serious eye irritation.
Skin Sens. 1	H317	May cause an allergic skin reaction.
STOT SE 3	H336	May cause drowsiness or dizziness.
Aquatic Chronic 3	H412	Harmful to aquatic life with long lasting effects.

· **2.2 Label elements**
· **Labelling according to Regulation (EC) No 1272/2008**
The product is classified and labelled according to the GB CLP regulation.
· **Hazard pictograms**



GHS02 GHS07

· **Signal word** Danger

· **Hazard-determining components of labelling:**
Propan-2-ol
Bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight 700-1100)
1-methoxy-2-propanol
n-Butyl acetate
· **Hazard statements**
H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.
H319 Causes serious eye irritation.

(Contd. on page 2)

Safety data sheet
according to UK REACH

Printing date 10.12.2025 Version number 5 (replaces version 4) Revision: 10.12.2025

Trade name: Mipa Spot-Sealer-Spray

(Contd. of page 1)

H317 May cause an allergic skin reaction.
H336 May cause drowsiness or dizziness.
H412 Harmful to aquatic life with long lasting effects.

· **Precautionary statements**
P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read carefully and follow all instructions.
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.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Additional information:**
Buildup of explosive mixtures possible without sufficient ventilation.
EUH205 Contains epoxy constituents. May produce an allergic reaction.

· **2.3 Other hazards**
· **Results of PBT and vPvB assessment**
· **PBT:** Not applicable.
· **vPvB:** Not applicable.

*
SECTION 3: Composition/information on ingredients

· **3.2 Mixtures**
· **Description:** Mixture of substances listed below with nonhazardous additions.

· **Dangerous components:**

CAS: 115-10-6 EINECS: 204-065-8 Reg.nr.: 01-2119472128-37	Dimethyl ether Flam. Gas 1A, H220; Press. Gas (Liq.), H280	25-50%
CAS: 67-63-0 EINECS: 200-661-7 Reg.nr.: 01-2119457558-25	Propan-2-ol Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336	10-25%
CAS: 107-98-2 EINECS: 203-539-1 Reg.nr.: 01-2119457435-35	1-methoxy-2-propanol Flam. Liq. 3, H226; STOT SE 3, H336	10-25%
CAS: 123-86-4 EINECS: 204-658-1 Reg.nr.: 01-2119485493-29	n-Butyl acetate Flam. Liq. 3, H226; STOT SE 3, H336, EUH066	<15%
CAS: 108-65-6 EINECS: 203-603-9 Reg.nr.: 01-2119475791-29	2-Methoxy-1-methylethyl acetate Flam. Liq. 3, H226; STOT SE 3, H336	2.5-<10%
CAS: 112-07-2 EINECS: 203-933-3 Reg.nr.: 01-2119475112-47	2-Butoxyethyl acetate Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332	5-<10%

(Contd. on page 3)

Safety data sheet
according to UK REACH

Printing date 10.12.2025 Version number 5 (replaces version 4) Revision: 10.12.2025

Trade name: Mipa Spot-Sealer-Spray

(Contd. of page 2)

CAS: 25068-38-6	Bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight 700-1100) Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317, EUH205	2.5-<10%
EC number: 905-588-0 Reg.nr.: 01-2119488216-32	Reaction mass of ethylbenzene and xylene Flam. Liq. 3, H226; STOT RE 2, H373; Asp. Tox. 1, H304; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335; Aquatic Chronic 3, H412	<2.5%
CAS: 7779-90-0 EINECS: 231-944-3 Reg.nr.: 01-2119485044-40	Trizinc bis(orthophosphate) Aquatic Acute 1, H400; Aquatic Chronic 1, H410	≥0.25-<1%

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

· **4.1 Description of first aid measures**
· **General information:** Immediately remove any clothing soiled by the product.
· **After inhalation:**
Supply fresh air and to be sure call for a doctor.
In case of unconsciousness place patient stably in side position for transportation.
· **After skin contact:** Immediately rinse with water.
· **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
· **After swallowing:** If symptoms persist consult doctor.
· **4.2 Most important symptoms and effects, both acute and delayed**
No further relevant information available.
· **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

*

SECTION 5: Firefighting measures

· **5.1 Extinguishing media**
· **Suitable extinguishing agents:**
CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
· **5.2 Special hazards arising from the substance or mixture**
No further relevant information available.
· **5.3 Advice for firefighters**
· **Protective equipment:**
Wear self-contained respiratory protective device.
Do not inhale explosion gases or combustion gases.

SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
· **6.2 Environmental precautions:**
Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/ surface or ground water.
· **6.3 Methods and material for containment and cleaning up:**
Dispose contaminated material as waste according to section 13.
Ensure adequate ventilation.

(Contd. on page 4)

Safety data sheet
according to UK REACH

Printing date 10.12.2025 *Version number 5 (replaces version 4)* *Revision: 10.12.2025*

Trade name: Mipa Spot-Sealer-Spray

(Contd. of page 3)

· ***6.4 Reference to other sections***
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

*
SECTION 7: Handling and storage

· ***7.1 Precautions for safe handling***
Keep away from heat and direct sunlight.
Ensure good ventilation/exhaustion at the workplace.
· ***Information about fire - and explosion protection:***
Do not spray onto a naked flame or any incandescent material.
Keep ignition sources away - Do not smoke.
Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.

· ***7.2 Conditions for safe storage, including any incompatibilities***
· ***Storage:***
· ***Requirements to be met by storerooms and receptacles:***
Observe official regulations on storing packagings with pressurised containers.
· ***Information about storage in one common storage facility:*** *Store away from foodstuffs.*
· ***Further information about storage conditions:*** *Keep container tightly sealed.*
· ***Storage class:*** *2 B*
· ***7.3 Specific end use(s)*** *No further relevant information available.*

*
SECTION 8: Exposure controls/personal protection

· ***8.1 Control parameters***

· ***Ingredients with limit values that require monitoring at the workplace:***	
115-10-6 Dimethyl ether	
WEL	*Short-term value: 958 mg/m³, 500 ppm* *Long-term value: 766 mg/m³, 400 ppm*
67-63-0 Propan-2-ol	
WEL	*Short-term value: 1250 mg/m³, 500 ppm* *Long-term value: 999 mg/m³, 400 ppm*
107-98-2 1-methoxy-2-propanol	
WEL	*Short-term value: 560 mg/m³, 150 ppm* *Long-term value: 375 mg/m³, 100 ppm* *Sk*
123-86-4 n-Butyl acetate	
WEL	*Short-term value: 966 mg/m³, 200 ppm* *Long-term value: 724 mg/m³, 150 ppm*
108-65-6 2-Methoxy-1-methylethyl acetate	
WEL	*Short-term value: 548 mg/m³, 100 ppm* *Long-term value: 274 mg/m³, 50 ppm* *Sk*
112-07-2 2-Butoxyethyl acetate	
WEL	*Short-term value: 332 mg/m³, 50 ppm* *Long-term value: 133 mg/m³, 20 ppm* *Sk*

(Contd. on page 5)

Safety data sheet
according to UK REACH

Printing date 10.12.2025 Version number 5 (replaces version 4) Revision: 10.12.2025

Trade name: Mipa Spot-Sealer-Spray

(Contd. of page 4)

· **DNELs**		
115-10-6 Dimethyl ether		
Inhalative	DNEL	1,894 mg/m³ (Arbeiter)
123-86-4 n-Butyl acetate		
Dermal	DNEL	6 mg/kg (general population)
		11 mg/kg (Arbeiter)
Inhalative	DNEL	300 mg/m³ (general population)
		600 mg/m³ (Arbeiter)
112-07-2 2-Butoxyethyl acetate		
Dermal	DNEL	169 mg/kg (Arbeiter)
Inhalative	DNEL	133 mg/m³ (Arbeiter)
Reaction mass of ethylbenzene and xylene		
Dermal	DNEL	212 mg/kg (Arbeiter)
Inhalative	DNEL	221 mg/m³ (Arbeiter)

· **Additional information:** The lists valid during the making were used as basis.

· **8.2 Exposure controls**
· **Appropriate engineering controls** No further data; see section 7.
· **Individual protection measures, such as personal protective equipment**
· **General protective and hygienic measures:**
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Avoid contact with the eyes.
Avoid contact with the eyes and skin.
· **Respiratory protection:**



In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

· **Hand protection**
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation



Protective gloves (EN 374)

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
· **Material of gloves**
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
· **Breakthrough time of glove material**
The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

(Contd. on page 6)

Safety data sheet
according to UK REACH

Printing date 10.12.2025 Version number 5 (replaces version 4) Revision: 10.12.2025

Trade name: Mipa Spot-Sealer-Spray

(Contd. of page 5)

· **Eye/face protection**
Safety glasses



Tightly sealed goggles

*

SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**	
· **General Information**	
· **Physical state**	Aerosol
· **Colour:**	According to product specification
· **Odour:**	Characteristic
· **Odour threshold:**	Not determined.
· **Melting point/freezing point:**	Undetermined.
· **Boiling point or initial boiling point and boiling range**	-24.9 °C (115-10-6 Dimethyl ether)
· **Flammability**	Not applicable.
· **Lower and upper explosion limit**	
· **Lower:**	1.2 Vol % (123-86-4 n-Butyl acetate)
· **Upper:**	18.6 Vol % (115-10-6 Dimethyl ether)
· **Flash point:**	-42 °C (DIN EN ISO 1523:2002, 115-10-6 Dimethyl ether)
· **Auto-ignition temperature:**	235 °C (DIN 51794, 115-10-6 Dimethyl ether)
· **Decomposition temperature:**	Not determined.
· **pH**	Not determined.
· **Viscosity:**	
· **Kinematic viscosity**	Not determined.
· **Dynamic:**	Not determined.
· **Solubility**	
· **water:**	Not miscible or difficult to mix.
· **Partition coefficient n-octanol/water (log value)**	Not determined.
· **Vapour pressure at 20 °C:**	5,200 hPa (115-10-6 Dimethyl ether)
· **Density and/or relative density**	
· **Density at 20 °C:**	0.8 g/cm³ (DIN EN ISO 2811-1)
· **Relative density**	Not determined.
· **Vapour density**	Not determined.

· **9.2 Other information**	
· **Appearance:**	
· **Form:**	Aerosol
· **Important information on protection of health and environment, and on safety.**	
· **Ignition temperature:**	Product is not selfigniting.
· **Explosive properties:**	In use, may form flammable/explosive vapour-air mixture.
· **Solvent content:**	
· **VOC (EC)**	90.37 %
· **Solids content (weight-%):**	9.6 %
· **Change in condition**	
· **Evaporation rate**	Not applicable.

(Contd. on page 7)

Safety data sheet
according to UK REACH

Printing date 10.12.2025 *Version number 5 (replaces version 4)* *Revision: 10.12.2025*

Trade name: Mipa Spot-Sealer-Spray

(Contd. of page 6)

· ***Information with regard to physical hazard classes***	
· ***Explosives***	*Void*
· ***Flammable gases***	*Void*
· ***Aerosols***	*Extremely flammable aerosol. Pressurised container: May burst if heated.*
· ***Oxidising gases***	*Void*
· ***Gases under pressure***	*Void*
· ***Flammable liquids***	*Void*
· ***Flammable solids***	*Void*
· ***Self-reactive substances and mixtures***	*Void*
· ***Pyrophoric liquids***	*Void*
· ***Pyrophoric solids***	*Void*
· ***Self-heating substances and mixtures***	*Void*
· ***Substances and mixtures, which emit flammable gases in contact with water***	*Void*
· ***Oxidising liquids***	*Void*
· ***Oxidising solids***	*Void*
· ***Organic peroxides***	*Void*
· ***Corrosive to metals***	*Void*
· ***Desensitised explosives***	*Void*

SECTION 10: Stability and reactivity

· ***10.1 Reactivity*** *No further relevant information available.*
· ***10.2 Chemical stability***
· ***Thermal decomposition / conditions to be avoided:***
No decomposition if used according to specifications.
· ***10.3 Possibility of hazardous reactions*** *No dangerous reactions known.*
· ***10.4 Conditions to avoid*** *No further relevant information available.*
· ***10.5 Incompatible materials:*** *No further relevant information available.*
· ***10.6 Hazardous decomposition products:***
Possible in traces.
Nitrogen oxides
Hydrogen chloride (HCl)
Carbon monoxide
Nitrogen oxides (NOx)

*

SECTION 11: Toxicological information

· ***11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008***
· ***Acute toxicity*** *Based on available data, the classification criteria are not met.*

· ***LD/LC50 values relevant for classification:***		
67-63-0 Propan-2-ol		
Oral	*LD50*	*4,570 mg/kg (rat)*
Dermal	*LD50*	*13,400 mg/kg (rabbit)*
Inhalative	*LC50/4 h*	*30 mg/l (rat)*
107-98-2 1-methoxy-2-propanol		
Dermal	*LD50*	*13,000 mg/kg (rabbit)*
123-86-4 n-Butyl acetate		
Oral	*LD50*	*13,100 mg/kg (rat)*

(Contd. on page 8)

Safety data sheet
according to UK REACH

Printing date 10.12.2025 Version number 5 (replaces version 4) Revision: 10.12.2025

Trade name: Mipa Spot-Sealer-Spray

(Contd. of page 7)

Dermal	LD50	>5,000 mg/kg (rabbit)
108-65-6 2-Methoxy-1-methylethyl acetate		
Oral	LD50	8,532 mg/kg (rat)
112-07-2 2-Butoxyethyl acetate		
Oral	LD50	1,880 mg/kg (rat)
Dermal	LD50	1,480 mg/kg (rabbit)
Reaction mass of ethylbenzene and xylene		
Oral	LD50	3,500 mg/kg (rat)
Dermal	LD50	15,400 mg/kg (rat)
Inhalative	LC50/4 h	17.6 mg/l (rat)
7779-90-0 Trizinc bis(orthophosphate)		
Oral	LD50	>5,000 mg/kg (rat)

· ***Primary irritant effect:***
· ***Serious eye damage/irritation*** *Causes serious eye irritation.*
· ***Respiratory or skin sensitisation*** *May cause an allergic skin reaction.*
· ***STOT-single exposure*** *May cause drowsiness or dizziness.*
· ***11.2 Information on other hazards***

· ***Endocrine disrupting properties***
None of the ingredients is listed.

*

SECTION 12: Ecological information

· ***12.1 Toxicity***
· ***Aquatic toxicity:*** *No further relevant information available.*
· ***12.2 Persistence and degradability*** *No further relevant information available.*
· ***12.3 Bioaccumulative potential*** *No further relevant information available.*
· ***12.4 Mobility in soil*** *No further relevant information available.*
· ***12.5 Results of PBT and vPvB assessment***
· ***PBT:*** *Not applicable.*
· ***vPvB:*** *Not applicable.*
· ***12.6 Endocrine disrupting properties***
The product does not contain substances with endocrine disrupting properties.
· ***12.7 Other adverse effects***
· ***Remark:*** *Harmful to fish*
· ***Additional ecological information:***
· ***General notes:***
Water hazard class 1 (German Regulation) : slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
Harmful to aquatic organisms

SECTION 13: Disposal considerations

· ***13.1 Waste treatment methods***
· ***Recommendation***
Must not be disposed together with household garbage. Do not allow product to reach sewage system.

(Contd. on page 9)

Safety data sheet
according to UK REACH

Printing date 10.12.2025 *Version number 5 (replaces version 4)* *Revision: 10.12.2025*

Trade name: Mipa Spot-Sealer-Spray

(Contd. of page 8)

· ***Uncleaned packaging:***
· ***Recommendation:***
Packagings that may not be cleansed are to be disposed of in the same manner as the product.

SECTION 14: Transport information

· **14.1 UN number or ID number**	
· **ADR, IMDG, IATA**	*UN1950*
· **14.2 UN proper shipping name**	
· **ADR**	*UN1950 AEROSOLS*
· **IMDG**	*AEROSOLS*
· **IATA**	*AEROSOLS, flammable*
· **14.3 Transport hazard class(es)**	
· **ADR**	
	
· **Class**	*2 5F Gases.*
· **Label**	*2.1*
· **IMDG, IATA**	
	
· **Class**	*2.1 Gases.*
· **Label**	*2.1*
· **14.4 Packing group**	
· **ADR, IMDG, IATA**	*Void*
· **14.5 Environmental hazards:**	*Not applicable.*
· **14.6 Special precautions for user**	*Warning: Gases.*
· **Hazard identification number (Kemler code):**	*-*
· **EMS Number:**	*F-D,S-U*
· **Stowage Code**	*SW1 Protected from sources of heat.* *SW2 Clear of living quarters.*
· **Segregation Code**	*SG69 For AEROSOLS with a maximum capacity of 1 litre:* *Segregation as for class 9. Stow "separated from" class 1 except for division 1.4.* *For AEROSOLS with a capacity above 1 litre:* *Segregation as for the appropriate subdivision of class 2.* *For WASTE AEROSOLS:* *Segregation as for the appropriate subdivision of class 2.*
· **14.7 Maritime transport in bulk according to IMO instruments**	*Not applicable.*

(Contd. on page 10)

Safety data sheet
according to UK REACH

Printing date 10.12.2025 *Version number 5 (replaces version 4)* *Revision: 10.12.2025*

Trade name: Mipa Spot-Sealer-Spray

(Contd. of page 9)

· ***Transport/Additional information:***

· ***ADR***
· ***Limited quantities (LQ)*** *1L*
· ***Transport category*** *2*
· ***Tunnel restriction code*** *D*

· ***IMDG***
· ***Limited quantities (LQ)*** *1L*

· ***UN "Model Regulation":*** *UN 1950 AEROSOLS, 2.1*

SECTION 15: Regulatory information

· ***15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture***
· ***Poisons Act***

· ***Regulated explosives precursors***
None of the ingredients is listed.

· ***Regulated poisons***
None of the ingredients is listed.

· ***Reportable explosives precursors***
None of the ingredients is listed.

· ***Reportable poisons***
None of the ingredients is listed.

· ***Directive 2012/18/EU***
· ***Named dangerous substances - ANNEX I*** *None of the ingredients is listed.*
· ***Seveso category*** *P3a FLAMMABLE AEROSOLS*
· ***Qualifying quantity (tonnes) for the application of lower-tier requirements*** *150 t*
· ***Qualifying quantity (tonnes) for the application of upper-tier requirements*** *500 t*

· ***National regulations:***
· ***Additional classification according to Decree on Hazardous Materials, Annex II:***

Class	Share in %
NK	50-100

· ***15.2 Chemical safety assessment:*** *A Chemical Safety Assessment has not been carried out.*

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· ***Relevant phrases***
H220 Extremely flammable gas.
H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H280 Contains gas under pressure; may explode if heated.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.

(Contd. on page 11)

Safety data sheet
according to UK REACH

Printing date 10.12.2025 *Version number 5 (replaces version 4)* *Revision: 10.12.2025*

Trade name: Mipa Spot-Sealer-Spray

(Contd. of page 10)

H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H373 May cause damage to organs through prolonged or repeated exposure.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.
EUH066 Repeated exposure may cause skin dryness or cracking.
EUH205 Contains epoxy constituents. May produce an allergic reaction.

· ***Classification according to Regulation (EC) No 1272/2008***
The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

· ***Abbreviations and acronyms:***
ADR: Accord relatif au transport international des marchandises dangereuses par 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 Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
VOC: Volatile Organic Compounds (USA, EU)
DNEL: Derived No-Effect Level (UK REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Flam. Gas 1A: Flammable gases – Category 1A
Aerosol 1: Aerosols – Category 1
Press. Gas (Liq.): Gases under pressure – Liquefied gas
Flam. Liq. 2: Flammable liquids – Category 2
Flam. Liq. 3: Flammable liquids – Category 3
Acute Tox. 4: Acute toxicity – Category 4
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
Skin Sens. 1: Skin sensitisation – Category 1
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2
Asp. Tox. 1: Aspiration hazard – Category 1
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

· **** Data compared to the previous version altered.***