

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

**1.1. Product identifier**

Product form : Mixture  
 Trade name : PUSL-GOLD-WATERPROOF-B  
 CAS-No. : 9016-87-9

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

**1.2.1. Relevant identified uses**

Main use category : No additional information available  
 Use of the substance/mixture : Hardener

**1.2.2. Uses advised against**

No additional information available

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

Sidec  
 Industrieweg 10  
 2490 Balen - BELGIE  
 T +32 14 81 50 01  
[safety@sidec.be](mailto:safety@sidec.be) - [www.sidec.eu](http://www.sidec.eu)

**1.4. Emergency telephone number**

No additional information available

**SECTION 2: Hazards identification**

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

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

Acute Tox. 4 (Inhalation:dust,mist) H332  
 Skin Irrit. 2 H315  
 Eye Irrit. 2 H319  
 Resp. Sens. 1B H334  
 Skin Sens. 1 H317  
 Carc. 2 H351  
 STOT SE 3 H335  
 STOT RE 2 H373

Full text of H statements : see section 16

**2.2. Label elements**

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

Hazard pictograms (CLP) :    
 GHS07 GHS08

Signal word (CLP) : Danger

Hazard statements (CLP) : H315 - Causes skin irritation.  
 H317 - May cause an allergic skin reaction.  
 H319 - Causes serious eye irritation.  
 H332 - Harmful if inhaled.  
 H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
 H335 - May cause respiratory irritation.  
 H351 - Suspected of causing cancer (inhalation).  
 H373 - May cause damage to organs (circulatory organs) through prolonged or repeated exposure (inhalation).

Precautionary statements (CLP) : P260 - Do not breathe dust, fume, mist, spray, gas, vapours.  
 P280 - Wear protective clothing, eye protection, face protection.  
 P302+P352 - IF ON SKIN: Wash with plenty of soap and water.  
 P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove

# PUSL-GOLD-WATERPROOF-B

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

contact lenses, if present and easy to do. Continue rinsing.

### 2.3. Other hazards

PBT: not yet assessed

vPvB: not yet assessed

## 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]
Polymeric MDI	(CAS-No.) 9016-87-9 (EC-No.) 500-079-6 (REACH-no) 01-2119457024-46	100	Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Resp. Sens. 1, H334 Skin Sens. 1, H317 Carc. 2, H351 STOT SE 3, H335 STOT RE 2, H373

Full text of H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general	: Remove contaminated clothes. If feeling unwell, consult doctor/medical service. In case of doubt or persistent symptoms, consult always a physician.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. If unconscious place in recovery position and seek medical advice.
First-aid measures after skin contact	: Rinse immediately with plenty of water. Use of soap allowed.
First-aid measures after eye contact	: Take victim to eye doctor if irritation persists. Rinse immediately for 15 min with plenty of water.
First-aid measures after ingestion	: Rinse mouth with water. Do not induce vomiting. If you feel unwell, seek medical advice.

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

Symptoms/effects : No data available.

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

No supplementary information available.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	: extinguishing powder. CO2 rapid extinguisher. Water (rapid extinguisher, reel).
Unsuitable extinguishing media	: high volume water jet.

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

Fire hazard : No supplementary information available.

### 5.3. Advice for firefighters

Protection during firefighting : Self-contained breathing apparatus.

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

Protective equipment : protective clothing.

#### 6.1.2. For emergency responders

No additional information available

### 6.2. Environmental precautions

Prevent liquid from entering sewers, watercourses, underground or low areas.

# PUSL-GOLD-WATERPROOF-B

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

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

- For containment : Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Concerning disposal elimination after cleaning, see section 13.
- Other information : Provide adequate ventilation.

### 6.4. Reference to other sections

Concerning personal protective equipment to use, see section 8. Concerning disposal elimination after cleaning, see section 13. Refer to protective measures listed in Sections 7 and 8.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Precautions for safe handling : Store in cool, dry conditions in well-sealed containers. Ensure adequate ventilation. Avoid aerosolbuilding.

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

- Storage area : Store in a dry place. Store in a closed container.

### 7.3. Specific end use(s)

No supplementary information available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Exposure controls

- Personal protective equipment : Protective clothing. Safety glasses. Gloves.
- Materials for protective clothing : Wear suitable protective clothing
- Hand protection : Breakthrough time : refer to the recommendations of the supplier. Chemical resistant gloves (according to European standard EN 374 or equivalent). Material. Butyl rubber gloves. Nitrile rubber gloves. neoprene gloves. The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
- Eye protection : Safety glasses
- Skin and body protection : Wear suitable protective clothing and gloves
- Respiratory protection : In case of inadequate ventilation wear respiratory protection.



- Other information : Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

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

- Physical state : Liquid
- Colour : brown.
- Odour : characteristic.
- Odour threshold : No data available
- pH : No data available
- Relative evaporation rate (butylacetate=1) : No data available
- Melting point : -30 °C
- Freezing point : -30 °C
- Boiling point : 300 °C
- Flash point : 229 °C
- Auto-ignition temperature : No data available
- Decomposition temperature : No data available
- Flammability (solid, gas) : No data available
- Vapour pressure : 11 hPa
- Relative vapour density at 20 °C : No data available
- Relative density : No data available
- Density : 1,22 g/cm<sup>3</sup>

# PUSL-GOLD-WATERPROOF-B

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Solubility	: Hydrolysis.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: 100 mPa·s
Explosive properties	: Not explosive.
Oxidising properties	: No data available
Explosive limits	: No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No supplementary information available.

### 10.2. Chemical stability

No additional information available

### 10.3. Possibility of hazardous reactions

Reaction with alcohol. Polymerisation risk. Reaction with water and acids.

### 10.4. Conditions to avoid

No supplementary information available.

### 10.5. Incompatible materials

No supplementary information available.

### 10.6. Hazardous decomposition products

On heating/burning: release of irritant gases/vapours.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Harmful if inhaled.

Polymeric MDI (9016-87-9)	
LD50 oral rat	> 10000 mg/m <sup>3</sup>
LD50 dermal rabbit	> 9400
Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Suspected of causing cancer (inhalation).
Reproductive toxicity	: Not classified
STOT-single exposure	: May cause respiratory irritation.
STOT-repeated exposure	: May cause damage to organs (circulatory organs) through prolonged or repeated exposure (inhalation).
Aspiration hazard	: Not classified

PUSL-GOLD-WATERPROOF-B (9016-87-9)	
Viscosity, kinematic	81,967 mm <sup>2</sup> /s

## SECTION 12: Ecological information

### 12.1. Toxicity

Polymeric MDI (9016-87-9)	
LC50 - Fish [1]	> 1000 mg/l
EC50 - Crustacea [1]	> 1000 µg/l
NOEC chronic crustacea	> 10 ppm

### 12.2. Persistence and degradability

PUSL-GOLD-WATERPROOF-B (9016-87-9)	
Persistence and degradability	No supplementary information available.
Polymeric MDI (9016-87-9)	
Persistence and degradability	Not readily biodegradable.

# PUSL-GOLD-WATERPROOF-B

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Polymeric MDI (9016-87-9)	
Biodegradation	0 %

### 12.3. Bioaccumulative potential

PUSL-GOLD-WATERPROOF-B (9016-87-9)	
Bioaccumulative potential	No supplementary information available.

Polymeric MDI (9016-87-9)	
BCF - Fish [1]	< 14

### 12.4. Mobility in soil

PUSL-GOLD-WATERPROOF-B (9016-87-9)	
Ecology - soil	No supplementary information available.

### 12.5. Results of PBT and vPvB assessment

PUSL-GOLD-WATERPROOF-B (9016-87-9)	
PBT: not yet assessed	
vPvB: not yet assessed	

### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Dispose of waste or used sacks/containers according to local regulations.  
Product/Packaging disposal recommendations : Do not dispose of as household waste. Discharging into rivers and drains is forbidden.

## SECTION 14: Transport information

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

### 14.1. UN number

Not regulated for transport

### 14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not applicable  
Proper Shipping Name (IMDG) : Not applicable  
Proper Shipping Name (IATA) : Not applicable  
Proper Shipping Name (ADN) : Not applicable  
Proper Shipping Name (RID) : Not applicable

### 14.3. Transport hazard class(es)

#### ADR

Transport hazard class(es) (ADR) : Not applicable

#### IMDG

Transport hazard class(es) (IMDG) : Not applicable

#### IATA

Transport hazard class(es) (IATA) : Not applicable

#### ADN

Transport hazard class(es) (ADN) : Not applicable

#### RID

Transport hazard class(es) (RID) : Not applicable

### 14.4. Packing group

Packing group (ADR) : Not applicable  
Packing group (IMDG) : Not applicable  
Packing group (IATA) : Not applicable  
Packing group (ADN) : Not applicable  
Packing group (RID) : Not applicable

### 14.5. Environmental hazards

Dangerous for the environment : No

# PUSL-GOLD-WATERPROOF-B

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Marine pollutant : No  
Other information : No supplementary information available

### 14.6. Special precautions for user

#### - Overland transport

No data available

#### - Transport by sea

No data available

#### - Air transport

No data available

#### - Inland waterway transport

Carriage prohibited (ADN) : No

Not subject to ADN : No

#### - Rail transport

Carriage prohibited (RID) : No

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 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

#### 15.1.2. National regulations

##### Germany

Regulatory reference : WGK 1, Slightly hazardous to water (Classification according to AwSV, Annex 1)

Employment restrictions : Observe restrictions according Act on the Protection of Working Mothers (MuSchG)  
Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG)

Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

##### Netherlands

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

Recommendations Danish Regulation : Young people below the age of 18 years are not allowed to use the product  
Pregnant/breastfeeding women working with the product must not be in direct contact with the product

### 15.2. Chemical safety assessment

Not determined.

## SECTION 16: Other information

Full text of H- and EUH-statements:

Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4

# PUSL-GOLD-WATERPROOF-B

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Carc. 2	Carcinogenicity, Category 2
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Resp. Sens. 1	Respiratory sensitisation, Category 1
Resp. Sens. 1B	Respiratory sensitisation, Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.
H351	Suspected of causing cancer.
H373	May cause damage to organs through prolonged or repeated exposure.

*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.*