

**Safety data sheet**  
**complying with Regulation 1907/2006/EC (REACH Regulation),**  
**EU 2020/878 and Regulation No 1272/2008/EC (CLP)**

Printing date 15.06.2021

Version number 4 (replaces version 3)

Revision: 15.06.2021

**\* SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier****Trade name:** PENETRON INJECTION RESIN PART B**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:**

Flexible pu injection resin system for permanent watertight sealing.

**1.3 Details of the supplier of the safety data sheet****Manufacturer/Supplier:**BEST IMPORT PRODUCTS PENETRON SRL  
STR. Fundatura Harmanului Complex Duplex 2 Brasov  
Tel 0368 734 003Email: office@penetron.ro Site: [www.penetron.ro](http://www.penetron.ro)**Emergency telephone number:**

European Emergency Tel.: 112

**\* SECTION 2: Hazards identification****2.1 Classification of the substance or mixture****Classification according to Regulation EC No 1272/2008 CLP:**

GHS08 health hazard

Resp. Sens. 1 H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Carc. 2 H351 Suspected of causing cancer.

STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.



GHS07

Acute Tox. 4 H332 Harmful if inhaled.

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2 H319 Causes serious eye irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

STOT SE 3 H335 May cause respiratory irritation.

**2.2 Label elements****Labelling according to Regulation EC No 1272/2008 CLP:**

The product is classified and labelled according to the CLP regulation.

**Safety data sheet**  
**complying with Regulation 1907/2006/EC (REACH Regulation),**  
**EU 2020/878 and Regulation No 1272/2008/EC (CLP)**

Printing date 15.06.2021

Version number 4 (replaces version 3)

Revision: 15.06.2021

**Trade name:** PENETRON INJECTION RESIN PART B

(Contd. of page 1)

**Hazard pictograms:**

GHS07 GHS08

**Signal word:** Danger**Hazard-determining components of labelling:**

4,4'-methylenediphenyl diisocyanate

**Hazard statements:**

H332 Harmful if inhaled.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H317 May cause an allergic skin reaction.

H351 Suspected of causing cancer.

H335 May cause respiratory irritation.

H373 May cause damage to organs through prolonged or repeated exposure.

**Precautionary statements**

P102 Keep out of reach of children.

P201 Obtain special instructions before use.

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

P302+P352 IF ON SKIN: Wash with plenty of water and soap.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

P312 Call a POISON CENTER/doctor if you feel unwell.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**Additional information:**

EUH204 Contains isocyanates. 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: consisting of the following components.

(Contd. on page 3)

GB

**Safety data sheet**  
**complying with Regulation 1907/2006/EC (REACH Regulation),**  
**EU 2020/878 and Regulation No 1272/2008/EC (CLP)**

Printing date 15.06.2021

Version number 4 (replaces version 3)

Revision: 15.06.2021

**Trade name:** PENETRON INJECTION RESIN PART B

(Contd. of page 2)

**Ingredients according Regulation (EU) 2020/878:**

CAS: 101-68-8 EINECS: 202-966-0 Index number: 615-005-00-9 Reg.nr.: 01-2119457014-47-XXXX	4,4'-methylenediphenyl diisocyanate ⚠ Resp. Sens. 1, H334; Carc. 2, H351; STOT RE 2, H373; ⚠ Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; STOT SE 3, H335, EUH204 Specific concentration limits: Eye Irrit. 2; H319: C ≥ 5 % Skin Irrit. 2; H315: C ≥ 5 % Resp. Sens. 1; H334: C ≥ 0.1 % STOT SE 3; H335: C ≥ 5 %	40-70%
	CTS-15-71 (Trade Secret)	40-70%
	CTS-15-91 (Trade Secret)	10-30%

**SECTION 4: First aid measures****4.1 Description of first aid measures****General information:**

Immediately remove any clothing soiled by the product.

Remove breathing equipment only after contaminated clothing have been completely removed.

In case of irregular breathing or respiratory arrest provide artificial respiration.

Take affected persons out into the fresh air.

Seek immediate medical advice.

**After inhalation:**

Supply fresh air or oxygen; call for doctor.

In case of unconsciousness place patient stably in side position for transportation.

Supply fresh air and to be sure call for a doctor.

**After skin contact:**

Immediately rinse with water for at least 15 minutes.

Wash contaminated clothing before use.

If skin irritation continues, consult a doctor.

**After eye contact:**

Rinse opened eye for at least 15 minutes under running water.

Remove contact lenses and continue rinsing for several minutes

If symptoms persist, consult a doctor.

Avoid strong water jet-risk of cornea damage, consult a doctor.

**After swallowing:**

Drink plenty of water and provide fresh air. Call for a doctor immediately.

Seek immediate medical advice.

Never give anything by mouth to an unconscious person.

**4.2 Most important symptoms and effects, both acute and delayed**

Potential Acute Health Effects:

Eye Contact: Causes eye irritation.

Skin Contact: Causes skin irritation. May cause sensitization by skin contact. Animal studies have shown that respiratory sensitisation can be induced by skin contact with known respiratory sensitisers, including diisocyanates. These results emphasize the need for protective clothing including gloves to be worn at all times when handling these chemicals or in maintenance work.

Inhalation: Harmful if inhaled. May cause respiratory irritation. This product is a respiratory irritant and potential respiratory sensitiser : repeated inhalation of vapour or aerosol at levels above the occupational exposure limit could cause respiratory sensitisation. Symptoms may include irritation to the eyes, nose, throat and lungs, possibly combined with dryness of the throat, tightness of chest and difficulty in breathing. The onset of the respiratory symptoms may be delayed for several hours after exposure. A hyper-reactive response

(Contd. on page 4)

**Safety data sheet**  
**complying with Regulation 1907/2006/EC (REACH Regulation),**  
**EU 2020/878 and Regulation No 1272/2008/EC (CLP)**

Printing date 15.06.2021

Version number 4 (replaces version 3)

Revision: 15.06.2021

**Trade name:** PENETRON INJECTION RESIN PART B

(Contd. of page 3)

to even minimal concentrations of MDI may develop in sensitised persons. LC50 (rat): ca. 490 mg/m<sup>3</sup> (4 hours): using experimentally produced respirable aerosol having aerodynamic diameter <5 microns.

Ingestion: Low oral toxicity, but ingestion may cause irritation of the gastrointestinal tract.

**4.3 Indication of any immediate medical attention and special treatment needed**

Notes to Physician: Symptomatic treatment and supportive therapy as indicated. Following severe exposure the patient should be kept under medical review for at least 48 hours.

Protection of First-aiders: No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

**SECTION 5: Firefighting measures****5.1 Extinguishing media****Suitable extinguishing agents:**

Foam

Carbon dioxide

Fire-extinguishing powder

**5.2 Special hazards arising from the substance or mixture**

During heating or in case of fire poisonous gases are produced.

Nitrogen oxides (NO<sub>x</sub>)

Carbon monoxide (CO)

Hydrogen cyanide (HCN)

Carbon dioxide (CO<sub>2</sub>)

traces of hydrocarbons

**5.3 Advice for firefighters****Protective equipment:**

In case of a large fire or in confined or poorly ventilated spaces wear full fire resistant protective clothing and self contained breathing apparatus (SCBA) with a full space-piece operated in positive pressure mode.

Cool closed containers exposed to fire by spraying water.

**Additional information**

Collect contaminated fire fighting water separately. It must not enter the sewage system.

**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures:**

Mouth respiratory protective device.

Wear protective equipment. Keep unprotected persons away.

Avoid inhalation of vapors.

Ensure adequate ventilation.

Goggles and/ or face shield, if contact with eyes or splashes are anticipated.

Avoid contact with skin and eyes.

**6.1.1 For non-emergency personnel**

Use personal protective equipment.

Avoid contact with dripping or leaking material

**6.1.2 For emergency responders**

First-aid responders must wear protective clothing, gloves, goggles and respiratory device with filter type A.

**6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

**6.3 Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust, silica gel).

Dispose contaminated material as waste according to item 13.

(Contd. on page 5)

**Safety data sheet**  
**complying with Regulation 1907/2006/EC (REACH Regulation),**  
**EU 2020/878 and Regulation No 1272/2008/EC (CLP)**

Printing date 15.06.2021

Version number 4 (replaces version 3)

Revision: 15.06.2021

**Trade name:** PENETRON INJECTION RESIN PART B

(Contd. of page 4)

Ensure adequate ventilation.

Send for recovery or disposal in suitable receptacles.

If the product is in its solid form: Spilled MDI flakes should be picked up carefully. The area should be vacuum cleaned to remove remaining dust particles completely. If the product is in its liquid form: Absorb spillages onto sand, earth or any suitable adsorbent material. Leave to react for at least 30 minutes. Shovel into open-top drums for further decontamination. Wash the spillage area with water. Test atmosphere for MDI vapour. Neutralise small spillages with decontaminant. Remove and dispose of residues.

**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**

Ensure good ventilation/exhaustion at the workplace.

Open and handle receptacle with care.

Keep receptacles tightly sealed.

Do not eat, drink or smoke during the usage of the product.

Avoid contact with skin and eyes.

Avoid inhaling vapors.

Wash hands before each break and after finishing work.

**Information about fire - and explosion protection:** Keep respiratory protective device available.

**7.2 Conditions for safe storage, including any incompatibilities**

**Storage:**

Store in cool, dry conditions in well sealed receptacles.

Protect from heat and direct sunlight.

Keep away from moisture.

Do not store in unlabeled containers.

Do not reseal contaminated containers.

Due to reaction with water producing CO<sub>2</sub>-gas, a hazardous build-up of pressure could result if contaminated containers are re-sealed.

**Requirements to be met by storerooms and receptacles:**

Unsuitable containers: Do not store in containers made of copper, copper alloys or galvanized surfaces.

Store in a cool location.

**Information about storage in one common storage facility:**

Do not store together with oxidising and acidic materials.

Store away from water.

Store away from bases.

Store away from foodstuffs.

Store away from alcohols.

**Further information about storage conditions:** Store under lock and key and out of the reach of children.

**7.3 Specific end use(s)** No further relevant information available.

GB

(Contd. on page 6)

**Safety data sheet**  
**complying with Regulation 1907/2006/EC (REACH Regulation),**  
**EU 2020/878 and Regulation No 1272/2008/EC (CLP)**

Printing date 15.06.2021

Version number 4 (replaces version 3)

Revision: 15.06.2021

**Trade name:** PENETRON INJECTION RESIN PART B

(Contd. of page 5)

\* **SECTION 8: Exposure controls/personal protection**

**8.1 Control parameters**

**Ingredients with limit values that require monitoring at the workplace:**

**CAS: 101-68-8 4,4'-methylenediphenyl diisocyanate**

WEL (Great Britain)	Short-term value: 0.07 mg/m <sup>3</sup> Long-term value: 0.02 mg/m <sup>3</sup> Sen; as -NCO
---------------------	---

**DNELs**

CAS: 101-68-8 4,4'-methylenediphenyl diisocyanate.

Workers:

Inhalation - long-term systemic & local effects: 0.05 mg/m<sup>3</sup>.

Inhalation - acute systemic & local effects: 0.1 mg/m<sup>3</sup>.

Dermal - acute systemic effects: 50 mg/kg bw/d.

Dermal - acute local effects: 28.7 mg/cm<sup>2</sup>

Consumers:

Inhalation - long-term systemic & local effects: 0.025 mg/m<sup>3</sup>.

Inhalation - acute systemic & local effects: 0.05 mg/m<sup>3</sup>.

Dermal - acute systemic effects: 25 mg/kg bw/d.

Dermal - acute local effects: 17.2 mg/cm<sup>2</sup>

Oral - acute local effects: 20 mg/kg bw/d.

**PNECs**

4,4'-methylenediphenyl diisocyanate | CAS: 101-68-8.

PNEC:

in fresh water 1.01 mg / l

in marine water 0.11 mg / l

for micro-organisms STP 1,01 mg / l

for the terrestrial area of 1,01 mg / kg

**Ingredients with biological limit values:**

**CAS: 101-68-8 4,4'-methylenediphenyl diisocyanate**

BMGV (Great Britain)	1 µmol creatinine/mol Medium: urine Sampling time: At the end of the period od exposure Parameter: isocyanate-derived diamine
----------------------	--

**8.2 Exposure controls**

**8.2.1. Appropriate engineering controls** Use of local ventilation is advised.

**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.

Store protective clothing separately.

Do not eat, drink or smoke while using the product.

Do not breathe vapours or mists.

Avoid contact with skin and eyes.

(Contd. on page 7)

GB

**Safety data sheet**  
**complying with Regulation 1907/2006/EC (REACH Regulation),**  
**EU 2020/878 and Regulation No 1272/2008/EC (CLP)**

Printing date 15.06.2021

Version number 4 (replaces version 3)

Revision: 15.06.2021

**Trade name:** PENETRON INJECTION RESIN PART B

(Contd. of page 6)

**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**

Protective gloves resistant to chemicals (standard EN 374-1)

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

**Material of gloves**

Examples of glove materials that might provide suitable protection include:

Butyl rubber, Chlorinated polyethylene, Polyethylene, Ethyl vinyl alcohol copolymers laminated ("EVAL"), Polychloroprene (Neo-prene\*), Nitrile/butadiene rubber ("nitrile" or "NBR"), Polyvinyl chloride ("PVC" or "vinyl"). Fluoroelastomer (Viton\*)

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 mixture 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.

**Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

The determined penetration times according to EN 16523-1:2015 are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

**Eye/face protection**

Safety glasses with side-shields (frame goggles) (e.g. EN 166)

**Body protection:**

Protective work clothing

Recommended: Overall (preferably heavy cotton) or Tyvek-Pro Tech 'C' , Tyvek-Pro 'F' disposable coverall

**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties****General Information**

<b>Physical state</b>	Liquid
<b>Colour:</b>	Brown
<b>Odour:</b>	Characteristic
<b>Odour threshold:</b>	Not determined
<b>Melting point/freezing point:</b>	Not determined
<b>Boiling point or initial boiling point and boiling range</b>	Not determined

(Contd. on page 8)

GB



**Safety data sheet**  
**complying with Regulation 1907/2006/EC (REACH Regulation),**  
**EU 2020/878 and Regulation No 1272/2008/EC (CLP)**

Printing date 15.06.2021

Version number 4 (replaces version 3)

Revision: 15.06.2021

**Trade name:** PENETRON INJECTION RESIN PART B

(Contd. of page 7)

<b>Flammability</b>	Not applicable
<b>Lower and upper explosion limit</b>	
<b>Lower:</b>	Not determined
<b>Upper:</b>	Not determined
<b>Flash point:</b>	203 °C (Closed cup)
<b>Auto-ignition temperature:</b>	Product is not selfigniting.
<b>Decomposition temperature:</b>	Not determined
<b>pH</b>	Not determined
<b>Viscosity:</b>	
<b>Kinematic viscosity</b>	Not determined
<b>Kinematic viscosity</b>	
<b>Dynamic:</b>	Not determined
<b>Solubility</b>	
<b>water:</b>	Reacts with water.
<b>Partition coefficient n-octanol/water (log value)</b>	Not determined
<b>Vapour pressure:</b>	Not determined
<b>Density and/or relative density</b>	
<b>Density:</b>	Not determined
<b>Relative density at 20 °C</b>	1.23
<b>Vapour density</b>	Not determined

**9.2 Other information****Appearance:****Form:** Liquid**Important information on protection of health and environment, and on safety.****Auto-ignition temperature:** Not determined**Explosive properties:** Product does not present an explosion hazard.**Cloud point / clarification point:****Oxidising properties:** Not considered as oxidising.**Evaporation rate:** Not determined**Information with regard to physical hazard classes**

<b>Explosives</b>	Void
<b>Flammable gases</b>	Void
<b>Aerosols</b>	Void
<b>Oxidising gases</b>	Void
<b>Gases under pressure</b>	Void
<b>Flammable liquids</b>	Void
<b>Flammable solids</b>	Void
<b>Self-reactive substances and mixtures</b>	Void
<b>Pyrophoric liquids</b>	Void
<b>Pyrophoric solids</b>	Void
<b>Self-heating substances and mixtures</b>	Void
<b>Substances and mixtures, which emit flammable gases in contact with water</b>	Void
<b>Oxidising liquids</b>	Void
<b>Oxidising solids</b>	Void
<b>Organic peroxides</b>	Void
<b>Corrosive to metals</b>	Void

(Contd. on page 9)

GB



**Safety data sheet**  
**complying with Regulation 1907/2006/EC (REACH Regulation),**  
**EU 2020/878 and Regulation No 1272/2008/EC (CLP)**

Printing date 15.06.2021

Version number 4 (replaces version 3)

Revision: 15.06.2021

**Trade name:** PENETRON INJECTION RESIN PART B

Desensitised explosives

Void

(Contd. of page 8)

### SECTION 10: Stability and reactivity

**10.1 Reactivity** Stable under normal conditions

**10.2 Chemical stability** Material is stable under normal conditions.

**Thermal decomposition / conditions to be avoided** Stable at environment temperature.

**10.3 Possibility of hazardous reactions**

Reaction with water (moisture) produces CO<sub>2</sub> gas. Exothermic reaction with materials containing active hydrogen groups. The reaction becomes progressively more vigorous and can be violent at higher temperatures if the miscibility of the reaction partners is good or is supported by stirring or by the presence of solvents. MDI is insoluble with, and heavier than water and sinks to the bottom but reacts slowly at the interface. A solid water-insoluble layer of polyurea is formed at the interface by liberating carbon dioxide gas.

**10.4 Conditions to avoid** Avoid high temperatures and direct sunlight.

**10.5 Incompatible materials**

Water

Amines

Alcohols

Acids, alkalis

Finely powdered metals.

**10.6 Hazardous decomposition products**

Nitrogen oxides

Carbon monoxide

Carbon dioxide

Hydrogen cyanide (prussic acid)

### SECTION 11: Toxicological information

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

**Acute toxicity** Harmful if inhaled.

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

**ATE (Acute Toxicity Estimates)**

Inhalative	LC50/4 h (vapour)	2.14 mg/l
------------	-------------------	-----------

**CAS: 101-68-8 4,4'-methylenediphenyl diisocyanate**

Oral	LD50	2,200 mg/kg (rat)
Dermal	LD50	>9,400 mg/kg (rabbit)

**Skin corrosion/irritation** Causes skin irritation.

**Serious eye damage/irritation** Causes serious eye irritation.

**Respiratory or skin sensitisation**

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

May cause an allergic skin reaction.

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

**Carcinogenicity**

Carcinogen, Category 2

Suspected of causing cancer.

**Reproductive toxicity** Based on available data, the classification criteria are not met.

**STOT-single exposure**

The product is classified as Specific Target Organ Toxicity after single exposure Category 3

May cause respiratory irritation.

(Contd. on page 10)

GB

**Safety data sheet**  
**complying with Regulation 1907/2006/EC (REACH Regulation),**  
**EU 2020/878 and Regulation No 1272/2008/EC (CLP)**

Printing date 15.06.2021

Version number 4 (replaces version 3)

Revision: 15.06.2021

**Trade name:** PENETRON INJECTION RESIN PART B

(Contd. of page 9)

**STOT-repeated exposure**

STOT Repeated Exposure Category 2

May cause damage to organs through prolonged or repeated exposure.

**Aspiration hazard** Based on available data, the classification criteria are not met.**Additional toxicological information:****Sensitisation** Sensitization possible through skin contact**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

Carc. 2

**11.2 Information on other hazards****Endocrine disrupting properties**

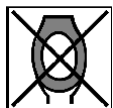
None of the ingredients is listed.

**\* SECTION 12: Ecological information****12.1 Toxicity****Aquatic toxicity:****CAS: 101-68-8 4,4'-methylenediphenyl diisocyanate**

EC50	>1,000 mg/l (daphnia magna) (Daphnia magna Reproduction Test)
EC50 (72h)	>1,640 mg/l (ssu) (Freshwater Alga and Cyanobacteria, Grow Inhibition)
LC50 (96h)	>1,000 mg/l (Danio rerio) (Fish, Acute Toxicity Test)
NOEC (21d)	>10 mg/l (Daphnia magna) (Daphnia sp. Acute Immobilisation Test)

**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** For information on endocrine disrupting properties see section 11.**12.7 Other adverse effects** No further relevant information available.**SECTION 13: Disposal considerations****13.1 Waste treatment methods****Recommendation**

Dispose according to National Regulations.



Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Contact manufacturer for recycling information.

**Uncleaned packaging:****Recommendation:** Disposal must be made according to official regulations.

GB

(Contd. on page 11)

**Safety data sheet**  
**complying with Regulation 1907/2006/EC (REACH Regulation),**  
**EU 2020/878 and Regulation No 1272/2008/EC (CLP)**

Printing date 15.06.2021

Version number 4 (replaces version 3)

Revision: 15.06.2021

**Trade name:** PENETRON INJECTION RESIN PART B

(Contd. of page 10)

### SECTION 14: Transport information

<b>14.1 UN number or ID number</b>	
<b>ADR, IMDG, IATA</b>	Void
<b>14.2 UN proper shipping name</b>	
<b>ADR, IMDG, IATA</b>	Void
<b>14.3 Transport hazard class(es)</b>	
<b>ADR, ADN, IMDG, IATA</b>	
<b>Class</b>	Void
<b>14.4 Packing group</b>	
<b>ADR, IMDG, IATA</b>	Void
<b>14.5 Environmental hazards:</b>	Not applicable.
<b>14.6 Special precautions for user</b>	Not applicable.
<b>14.7 Maritime transport in bulk according to IMO instruments</b>	Not applicable.
<b>UN "Model Regulation":</b>	Void

### \* SECTION 15: Regulatory information

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

REACH Regulation 1907/2006/EC

Regulation (EU) 2020/878

CLP Regulation 1272/2008/EC

Directive 98/24/EC on the protection of health and safety of workers from the risks related to chemicals agents at work.

Council Directive 94/33/EC on the protection of young people at work, as amended.

Directive 92/85/EEC on the introduction of measures to encourage improvements in the safety and health at work of pregnant workers and workers who have recently given birth or are breastfeeding, as amended

**REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3, 56a, 74

#### National regulations:

#### Other regulations, limitations and prohibitive regulations

#### Substances of very high concern (SVHC) according to REACH, Article 57

It doesn't contain substances of very high concern (SVHC).

**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

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.

(Contd. on page 12)

GB

**Safety data sheet**  
**complying with Regulation 1907/2006/EC (REACH Regulation),**  
**EU 2020/878 and Regulation No 1272/2008/EC (CLP)**

Printing date 15.06.2021

Version number 4 (replaces version 3)

Revision: 15.06.2021

**Trade name:** PENETRON INJECTION RESIN PART B


(Contd. of page 11)

EUH204 Contains isocyanates. May produce an allergic reaction.

**Training hints**

Suitable training on safety in handling, storing and converting the product should be given to the employees based on all the existing information.

**Department issuing SDS:**

 SUSTCHEM S.A.  
 REACH & Chemical Services Department  
 A: 144, 3rd Septemvriou, GR 112 51 | Athens, Greece  
 T: +30 210 8252510 | F: +30 210 8252575  
 W: www.sustchem.gr | E: info@suschem.gr

**Version number of previous version: 3****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)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

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

Resp. Sens. 1: Respiratory sensitisation – Category 1

Skin Sens. 1: Skin sensitisation – Category 1

Carc. 2: Carcinogenicity – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

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