

Safety data sheet
in accordance with Regulations 1907/2006/EC (REACH) Article
31 , (EU) 2020/878 and 1272/2008/EC (CLP)

Print date 15.06.2021

Review 15.06.2021

version number 5 (replaces version 4)

SECTION 1: Identification of substance/mixture and company/enterprise**1.1 Product identification code**

Name of the product in trade: PENETRON INJECTION FOAM PART A
UFI: DT40-K0YP-700U-V3FX

1.2 Relevant identified uses of the substance or mixture and contraindicated uses

No other relevant information is available.

Use of the material / mixture

Flexible polyurethane grout system for immediate sealing of water leaks.

1.3 Identity of the supplier of the safety data sheet**Producer/supplier:**

BEST IMPORT PRODUCTS PENETRON SRL
STR. Fundatura Harmanului Complex Duplex 2 Brasov
Tel 0368 734 003

Email: office@penetron.ro Site: www.penetron.ro**Emergency telephone number :**

European Emergency Tel.: 112

SECTION 2: Hazard identification**2.1 Classification of the substance or mixture**

Classification in accordance with Regulation (EC) No.../... 1272/2008



GHS08 health risk

Or . Meaning. 1 H334 It can cause allergy or symptoms of asthma or shortness of breath if inhaled.

Carc. 2 H351 Suspected of causing cancer.

STOP RE 2 H373 It can cause damage to organs after prolonged or repeated exposure.



GHS07

Acute Tox. 4 H332 Harmful in case of inhalation. Skin

Irrit. 2 H315 It causes skin irritation .

Eye Irrit. 2 H319 It causes severe eye irritation.

Skin Meaning. 1 H317 It can cause an allergic skin reaction. STOP

HERSELF 3 H335 It can cause irritation of the respiratory tract.

2.2 Label details**Labelling in accordance with Regulation (EC) No .../... 1272/2008**

The product is labelled in accordance with CLP.

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Hazard pictograms

GHS07 GHS08

Signal word Danger**Dangerous ingredients should be indicated on the labels:**

4,4'-methylenediphenyl diisocyanate
 Diphenylmethane bisocyanate, isomers and bonds

Hazard statements

H332 Harmful in case of inhalation. H315 It causes skin irritation . H319 It causes severe eye irritation.
 H334 May cause allergy or asthma symptoms or shortness of breath if inhaled. H317 It can cause an allergic skin reaction.
 H351 Suspected of causing cancer.
 H335 It can cause irritation of the respiratory tract.
 H373 Can cause damage to organs after prolonged or repeated exposure.

Precautionary statements

P102 Out of reach of children.
 P201 Stock up on special instructions before use .
 P260 Do not breathe dust/fumes/gases/droplets/vapours/sprays.
 P280 Wear protective gloves/ protective clothing/personal protective equipment for the eyes /face/ears .
 P302+P352 IN CASE OF CONTACT WITH THE SKIN: Wash with plenty of water and soap.
 P304+P340 IN CASE OF INHALATION: Transfer the patient to the fresh air and let him rest in a position that facilitates breathing .
 P305+P351+P338 IN CASE OF EYE CONTACT: Rinse thoroughly with water for several minutes. If there are contact lenses, remove them if it is easy. Continue to rinse.
 P312 Call the POISON CONTROL CENTER/doctor if you feel unwell. P405 Store kstained.
 P501 Availability of the content/container in accordance with local/regional/national/ international regulations.

Additional information:

EUH204 Contains isocyanates. It can cause an allergic reaction.

2.3 Other risks**Results of the PBT and vPvB PBT assessment:**

Not applicable

aAab: Not applicable

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SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description: Mixture: consisting of the following ingredients mentioned .

Ingredients according to Kahn. (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. Meaning 1; H334: C ≥ 0,1 % STOT SE 3; H335: C ≥ 5 %	15-40%
CAS: 9016-87-9	Diphenylmethane bisocyanate, isomers and bonds 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. Meaning 1; H334: C ≥ 0,1 % STOT SE 3; H335: C ≥ 5 %	15-40%

SECTION 4: First aid measures

4.1 Description of first aid measures

General instructions:

Toxic symptoms can appear even after many hours, so medical supervision is necessary for at least two 24 hours after an accident.

To transfer the sufferers to the fresh air.

Immediately consult the doctor.

After inhalation:

Transfer the passion to the fresh air and let him rest in a posture that facilitates breathing .

In case of fainting, it is necessary to lie down and transfer to a fixed lateral position. In case of discomfort consult a doctor.

After contact with the skin:

Rinse immediately with water and soap very well.

In case of ongoing irritation, visit a doctor.

after contact with eyes:

Rinse the eyes immediately with plenty of water, alternately lifting the upper and lower eyelids.

Check and remove the contact lenses. Continue to rinse for at least 10 minutes. Seek medical attention in case irritation occurs.

Caution when washing the eyes, splashing water with high pressure carries a risk of corneal damage, consult a doctor.

after ingestion:

Drink plenty of water and stay in the fresh air.

Immediately consult the doctor and show the label or packaging Never give something orally to an unconscious person.

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4.2 Most important symptoms and effects, immediate or subsequent

No other relevant information is available.

4.3 Indication of any required immediate medical care and special treatment

No other relevant information is available.

SECTION 5: Fire control measures**5.1 Fire-fighting equipment****Appropriate fire-fighting means:**

Spraying Water

Foam

Carbon dioxide (CO₂)

Fire-fighting dust

Fire-fighting equipment which, for safety reasons, is unsuitable:

Water is not effective in extinguishing fires but can be used to cool containers exposed to flames to avoid explosions.

5.2 Specific hazards arising from the substance or mixture In theevent of overheating or fire, toxic gases are released. Nitrogen oxides (NO_x)

Carbon monoxide (CO)

Carbon dioxide (CO₂)

hydrogen cyanide (HCN)

traces of hydrocarbons

5.3 Recommendations for firefighters Special protective equipment:

Use breathing apparatus.

Autonomous breathing apparatus and protective clothing in case of fire. Cool the closed containers exposed to fire by spraying water.

Additional information

Contaminated fire-fighting water is collected separately, it is not allowed to be emptied into the drain.

SECTION 6: Measures in the event of unintentional release**6.1 Personal precautions, protective equipment and emergency procedures** Use protective equipment. Remove unprotected persons. Avoid inhaling vapors.

Avoid contact with skin and eyes. Ensure adequate ventilation.

6.1.1 For non-emergency personnel Avoid contact with leaky or released material.**6.1.2 For people who offer first aid**

First aid providers should wear protective clothing, protective gloves, goggles and breathing apparatus.

6.2 Environmental precautions

Do not empty it into the drain and water surfaces. It should not penetrate the aquifer.

6.3 Methods and materials for containment and cleaning

It is collected with liquid absorbent materials (sand, deposits of pyrolithos, sawdust). Deposit contaminated materials as hazardous waste in point 13.

6.4 Reference to other sections

Information on handling see Chapter 7.

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in seawater 0.11 mg/l
 for micro-organisms STP 1,01 mg/l
 for the territorial sector 1,01 mg/kg

8.2 Exposure controls

8.2.1 Appropriate mechanical controls:

It is recommended to use local ventilation and gas venting systems .

Personal protective measures, such as personal protective equipment

General protection and hygiene measures:

Keep away from food, beverages and feed.

Wash hands before the break and at the end of work. Do not breathe the vapors.

When using the product do not eat, do not drink, and do not smoke. Avoid contact with skin and eyes.

Remove contaminated clothes and wash before using them again.

Respiratory tract protection



For a short or small burden to use breathing apparatus with a filter, for intense or prolonged exposure protective breathing apparatus regardless of the surrounding air.

Hand protection



Chemically resistant protective gloves (standard EN 374-1)

The material of gloves should be impermeable and durable against the product / material / preparation. Select the material of the glove taking into account the transit times, the degree of permeability and degradation .

Glove material:

Gloves that may offer protection:

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

The choice of the appropriate glove depends not only on the material, but also on the additional quality characteristics, which differ depending on the manufacturer. As the product is a mixture consisting of several components, the durability of the material of the gloves can not be ascertained and should be checked before use.

Time of penetration of the glove material:

Transit times in accordance with regulation EN 374 Part III are sometimes not valid under real conditions. A maximum time of use corresponding to 50% of the transit time is proposed.

Protection of the eyes / face



Safety glasses with side protectors (frame glasses) (EN 166)

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Protection for the body:

Protective attire work.

SECTION 9: Physical and chemical properties

9.1 Data on basic physical and chemical properties**General information**

Physical State	Liquid
Color:	brown
Smell:	Characteristic
Smell limit:	Undefined
Melting point/freezing point:	Not specified
Boiling point or initial boiling point and region	
Boiling	is not specified
Flammability	Unusable
Explosion threshold and upper and lower limit	
lower:	Not specified
higher:	Undefined
Flash point:	Unspecified
Decomposition temperature:	Unspecified
pH	Not specified
Viscosity	
Kinematic viscosity	Unspecified
Kinematic viscosity	
dynamic:	Not specified
Solubility	
water:	partially dissolved
Partition coefficient in n-octanol/water	
(logarithmic value)	Not specified
Vapour pressure	Undefined
Density and/or relative density	
Density:	Undefined
Relative density at 20 °C	1,16
Vapour density	not specified

9.2 Other information

View:	
Format:	Liquid
Important information for the protection of health and the environment, but also for safety .	
Auto-ignition temperature:	Undefined
Explosive properties:	There is no risk of explosion of the product.
Point of blur:	
Oxidising properties	It is not classified as an oxidant according to Regulation CLP 1272/2008/EC.

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Evaporation rate Not specified

Information on classes of physical hazard**Explosive****Flammable gases****Aerosols****Oxidizing gases****under pressure****Flammable****liquids****Flammable solids****Self-active substances and****mixtures of Pyrophoric liquids**Pyrophoric solids **Self-heating**substances **and mixtures****Substances and mixtures which emit flammable****gases in contact with water****Oxidative liquids****Oxidizing solids****Organic peroxides****Substances and mixtures corrosive to metals****Desensitized explosives/mixtures and products****with explosives**

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SECTION 10: Stability and reactivity**10.1 Reactivity** The product does not react under normal conditions.**10.2 Chemical stability** Stable under normal conditions.**Thermal decomposition / Conditions to be avoided:** Stable to ambient temperature.**10.3 Possibility of dangerous reactions** No dangerous reaction is known.**10.4 Conditions to avoid** Heating**10.5 Incompatible materials:**

Acids, bases Oxidizing

agents Alcohols

10.6 Dangerous decay products:

Carbon monoxide (CO)

Carbon dioxide (CO₂)Nitrogen oxide (-NO_x)

Hydrogen cyanide

Hydrocarbon compounds

SECTION 11: Toxicological information**11.1 Information on hazard classes as defined in Regulation (EC) No.../... 1272/2008****Acute toxicity** Harmful in case of inhalation.**Acute Toxicity** Assessment **-LD/LC50****ATE (Assessment of acute toxicity)**

Sniff	LC50/4 h (vapors)	2.73 mg/l
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CAS: 101-68-8 4,4'-methylenediphenyl diisocyanate

Orally	LD50	2.200 mg/kg (αρουραίος)
From the skin	LD50	>9.400 mg/kg (rabbit)

CAS: 9016-87-9 Diisocyanate diphenylmethane, isomers and bonds

Oral	From	LD50	>10.000 mg/kg (αρουραίος)
Skin		LD50	>10.000 mg/kg (rabbit)
Inhalation		LC50/4 h (vapors)	0,493 mg/l (αρουραίος) (OECD 401) 0,493 mg/l (rabbit)

Corrosion and skin irritation It causes skin irritation. **Severe eye damage/irritation** It causes severe eye irritation. **Respiratory sensitisation or skin sensitisation**

It can cause allergy or asthma symptoms or shortness of breath if inhaled. It can cause an allergic skin reaction.

Germ cell mutagenicity

On the basis of the available data, the classification criteria are not met.

Carcinogenesis

Carcinogenic Category 2

Suspected of causing cancer.

Reproductive toxicity On the basis of the available data, the classification criteria are not met.

Specific target organ toxicity (STOT) - single exposure

Specific target organ toxicity Category 3 after single exposure It can cause irritation of the respiratory tract.

Specific target organ toxicity (STOT) - repeated exposure

Specific target organ toxicity Category 2 following repeated exposure It can cause damage to organs after prolonged or repeated exposure.

Aspiration risk On the basis of the available data, the classification criteria are not met.

Additional toxicological indications:

Sensitization Sensitizing for the skin and respiratory system. **Effects of CMR (carcinogenicity, mutagenicity and reproductive toxicity)** Carc. 2.

11.2 Information on other types of hazard**Endocrine disrupting properties**

none of the components are included in the list

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

EC50	>1.000 mg/l (Νερόψυλλος) (Daphnia magna Reproduction Test)
EC50 (72h)	>1.640 mg/l (Scenedesmus subspicatus) (Freshwater Alga and Cyanobacteria, Grow Inhibition)
LC50 (96h)	>1.000 mg/l (Ψάρι ζέβρα) (Fish, Acute Toxicity Test)
NOEC (21d)	>10 mg/l (Daphnia magna) (Daphnia sp. Acute Immobilisation Test)

12.2 Resilience and degradability No other relevant information is available.

12.3 Bioaccumulation potential No other relevant information is available.

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12.4 Mobility on the ground No other relevant information is available.

12.5 Results of the PBT and vPvB PBT assessment:

Not applicable

aAab: Not applicable

12.6 Endocrine disrupting properties

For information on endocrine disrupting properties , see
11.

12.7 Other negative effects No other relevant information is available.

SECTION 13: Information on disposal

13.1 Waste treatment methods

Recommendation:



The disposal of the material must be in accordance with the National Legislation.



It must not be deposited with ordinary waste; do not empty it into the drain.

For recycling , contact the producer.

Unclean packaging:

Recommendation: Deposition must be carried out in accordance with official instructions.

SECTION 14: Information on transport

14.1 UN number or ID number

ADR, ADN, IMDG, IATA is

14.2 ONE mission name concerned

ADR, ADN, IMDG, IATA is

14.3 Order(s) of danger during transport

ADR, ADN, IMDG, IATA

Class is

14.4 Packaging group

ADR, IMDG, IATA is deductible

14.5 Environmental risks

Inapplicable It

14.6 Special precautions for the user

doesn't apply

14.7 Bulk sea shipping in accordance with IMO

acts

No application is

ONE "Model Regulation":

forfeited

SECTION 15: Legislative elements

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

Regulation (EE) 2020/878 Regulation

CLP 1272/2008/EC Regulation

REACH 1907/2006/EC

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Council Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers at work against the risks arising from chemical agents
 Directive 94/33/EC on the protection of young people at work, as amended and in force. 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 and in force.

Directive 2012/18 / HAD**Named dangerous substances - ANNEX I**

none of the components are included in the list

REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction : 3, 56a, 74**National provisions:****Other provisions, restrictions and prohibitions****Substances of very high concern (SVHC) according to REACH, Article 57**

CAS: 84-74-2 | Dibutyl phthalate

15.2 Chemical safety assessment: The chemical safety assessment did not take place.**SECTION 16: Other information**

Them the statements are based on at Current level Of Knowledge our not Are guarantee for Properties Of Products neither Justify the creation of Conventional Obligations.

Related phrases

H315 It causes skin irritation .

H317 It can cause an allergic skin reaction. H319 It causes severe eye irritation.

H332 Harmful in case of inhalation.

H334 May cause allergy or asthma symptoms or shortness of breath if inhaled. H335 It can cause irritation of the respiratory tract.

H351 Suspected of causing cancer.

H373 Can cause damage to organs after prolonged or repeated exposure. EUH204 Contains isocyanates. It can cause an allergic reaction.

Training suggestions

Appropriate safety and handling training should be provided to all employees as reportedly.

Security Data Sheet , compiled by:

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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

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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 through it – Category 4
Skin Irrit. 2: Skin erosion/irritation – Category 2
Eye Irrit. 2: Severe eye injury/eye irritation – Category 2 Resp. Sens. 1:
Sensitization of the respiratory system – Category 1 Skin Sens. 1: Skin
sensitization – Category 1
Carc. 2: Carcinogenicity – Category 2
STOT SE 3: Specific toxicity in the target organs (one single exposure) – Category 3
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2
*** Modified data in relation to the previous version**

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