Safety data sheet
according to GHS

Printing date 28.07.2026 *Version number 1* *Revision: 28.07.2026*

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

· ***Product identifier***

· ***Trade name:*** **PERI Sealing adhesive 4 component B**

· ***Relevant identified uses of the substance or mixture and uses advised against***
No further relevant information available.
· ***Application of the substance / the mixture***
Hardening agent/ Curing agent
Curing agent/ cross-linker/ Vulcanising agent

· ***Details of the supplier of the safety data sheet***
· ***Manufacturer/Supplier:***
PERI Israel
PERI Formwork Engineering Ltd.
1 Rimon St., Lev Ha'aretz Industrial Zone
P.O. Box 456
IL-4810401 Rosh Ha'ayin
Israel

· ***Informing department:***
טלפון: 9249332 3 972+
פקס: 9249331 3 972+
דוא"ל: info@peri.co.il
www.PERI.co.il

· ***Emergency telephone number:***
Israel Poison Information Center
Rambam Health Care Campus
6 Ha'Aliya Street
Haifa 31096

Emergency phone number +972 4 854 19 00 (24/7)

2 Hazards identification

· ***Classification of the substance or mixture***


GHS05 corrosion

Skin Corr. 1B H314 Causes severe skin burns and eye damage.
Eye Dam. 1 H318 Causes serious eye damage.


GHS07

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

(Contd. on page 2)

Safety data sheet
according to GHS

Printing date 28.07.2026 *Version number 1* *Revision: 28.07.2026*

***Trade name:* PERI Sealing adhesive 4 component B**

(Contd. from page 1)

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

· ***Additional information:***
The full text of the classification and labelling elements mentioned is given in Section 16.

· ***Label elements***

· ***GHS label elements***
The product is classified and labelled according to the Globally Harmonised System (GHS).

· ***Hazard pictograms***



GHS05 GHS07

· ***Signal word*** Danger

· ***Hazard-determining components of labelling:***
isophorone diamine
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with m-phenylenebis(methylamine)
benzyl alcohol

· ***Hazard statements***
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H412 Harmful to aquatic life with long lasting effects.

· ***Precautionary statements***

P273	Avoid release to the environment.
P280	Wear protective gloves / eye protection.
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
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.

· ***Additional information:***
This product contains microplastics.

· ***Other hazards***

· ***Results of PBT and vPvB assessment***

· ***PBT:*** Not applicable

· ***vPvB:*** Not applicable

(Contd. on page 3)

Safety data sheet
according to GHS

Printing date 28.07.2026 *Version number 1* *Revision: 28.07.2026*

***Trade name:* PERI Sealing adhesive 4 component B**

(Contd. from page 2)

3 Composition/information on ingredients

· ***Chemical characterisation: Mixtures***
· ***Description:***
amine hardener
Crosslinker

· ***Dangerous components:***		
CAS: 100-51-6 EINECS: 202-859-9	benzyl alcohol Acute Tox. 4, H302; Eye Irrit. 2, H319; Skin Sens. 1B, H317	≥ 2,5 - < 10%
CAS: 2855-13-2 EINECS: 220-666-8	isophorone diamine Skin Corr. 1B, H314; Eye Dam. 1, H318; Acute Tox. 4, H302; Skin Sens. 1A, H317 Specific concentration limit: Skin Sens. 1A; H317: C ≥ 0,001 %	≥ 5 - ≤ 10%
CAS: 113930-69-1 NLP: 500-302-7	4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with m-phenylenebis(methylamine) Skin Corr. 1B, H314; Eye Dam. 1, H318; Aquatic Chronic 2, H411; Skin Sens. 1, H317	≥ 5 - < 10%

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

4 First aid measures

· ***Description of first aid measures***
· ***General information*** Instantly remove any clothing contaminated by the product.
· ***After inhalation***
Supply fresh air or oxygen; call for doctor.
In case of unconsciousness bring patient into stable side position for transport.
· ***After skin contact***
Instantly wash with water and soap and rinse thoroughly.
Call a doctor immediately.
Wash contaminated clothing before re-use.
Discard contaminated shoes.
· ***After eye contact***
Keep eye lids open and rinse them with ample amounts of clean running water for at least 15 minutes.
Call a doctor immediately.
· ***After swallowing***
Rinse out mouth and then drink plenty of water.
Do not induce vomiting; instantly call for medical help.
· ***Information for doctor***
· ***Most important symptoms and effects, both acute and delayed***
No further relevant information available.

(Contd. on page 4)

Safety data sheet
according to GHS

Printing date 28.07.2026 *Version number 1* *Revision: 28.07.2026*

***Trade name:* PERI Sealing adhesive 4 component B**

(Contd. from page 3)

· ***Indication of any immediate medical attention and special treatment needed***
No further relevant information available.

5 Firefighting measures

· ***Extinguishing media***
· ***Suitable extinguishing agents***
Extinguishing powder, foam or water jet. Fight larger fires with water jet or alcohol-resistant foam.
· ***For safety reasons unsuitable extinguishing agents*** Water with a full water jet.
· ***Special hazards arising from the substance or mixture***
Formation of poisonous gases during heating or in fires.
Carbon monoxide and carbon dioxide
Nitrogen oxides (NOx)
· ***Advice for firefighters***
· ***Protective equipment:***
In case of fire wear breathing equipment being independent of ambient air and suit provided full protection against chemicals.
· ***Additional information***
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

6 Accidental release measures

· ***Personal precautions, protective equipment and emergency procedures***
Keep people at a distance and stay on the windward side.
Wear protective equipment. Keep unprotected persons away.
Ensure adequate ventilation
· ***Environmental precautions:***
Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities. Collect spillage.
· ***Methods and material for containment and cleaning up:***
Absorb with liquid-binding material (sand, diatomite, universal binders) and disposal in suitable containers.
Dispose of contaminated material as waste according to section 13.
· ***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 information on disposal.

7 Handling and storage

· ***Handling***
Avoid contact with eyes and skin.

(Contd. on page 5)

Safety data sheet
according to GHS

Printing date 28.07.2026 *Version number 1* *Revision: 28.07.2026*

***Trade name:* PERI Sealing adhesive 4 component B**

(Contd. from page 4)

Wash thoroughly after handling.
Wash contaminated clothing before re-use.
· ***Precautions for safe handling***
Keep containers tightly sealed.
Keep away from heat and direct sunlight.
Ensure good ventilation/exhaustion at the workplace.
Avoid release to the environment.
· ***Information about protection against explosions and fires:*** No special measures required.

· ***Conditions for safe storage, including any incompatibilities***
· ***Storage***
· ***Requirements to be met by storerooms and containers:***
Store in cool location.
Recommended storage temperature: 10°C to 30°C.
Store only in the original container.
· ***Information about storage in one common storage facility:***
Store away from oxidising agents.
Store away from foodstuffs.
· ***Further information about storage conditions:*** Store container in a well ventilated position.
· ***Specific end use(s)*** No further relevant information available.

8 Exposure controls/personal protection

· ***Additional information about design of technical systems:***
Care for good ventilation, i.e. by local exhaust or general exhaust ventilation. If this is not sufficient to keep the concentration of solvent vapours below workplace threshold values an appropriate protective breathing apparatus shall be worn.

· ***Control parameters***
· ***Components with limit values that require monitoring at the workplace:***
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
· ***Additional information:*** The lists that were valid during the compilation were used as basis.

· ***Exposure controls***
· ***Personal protective equipment***
· ***General protective and hygienic measures***
Keep away from foodstuffs, beverages and food.
Take off all contaminated clothing immediately.
Wash hands during breaks and at the end of the work.
Avoid contact with the eyes and skin.
· ***Breathing equipment:***
In case of brief exposure or low pollution use breathing filter apparatus. In case of intensive or longer exposure use breathing apparatus that is independent of circulating air.
Filter A/P2.

(Contd. on page 6)

Safety data sheet
according to GHS

Printing date 28.07.2026 *Version number 1* *Revision: 28.07.2026*

***Trade name:* PERI Sealing adhesive 4 component B**

(Contd. from page 5)

· ***Protection of hands:***



Protective gloves.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· ***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.

· ***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.

· ***For the permanent contact gloves made of the following materials are suitable:***
Fluorocarbon rubber (Viton)
In case of a layer thickness of 0,4 mm the penetration time is longer than 30 minutes.

· ***For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:***
Butyl rubber, BR
Nitrile rubber, NBR

· ***Eye protection:***



Tightly sealed safety glasses.

· ***Body protection:***



Protective work clothing.

9 Physical and chemical properties

· ***Information on basic physical and chemical properties***
· ***General Information***
· ***Appearance:***

· ***Form:***	Pasty
· ***Colour:***	Pigmented

(Contd. on page 7)

Safety data sheet
according to GHS

Printing date 28.07.2026 *Version number 1* *Revision: 28.07.2026*

***Trade name:* PERI Sealing adhesive 4 component B**

(Contd. from page 6)

· ***Odour:***	Amine-like
· ***pH-value:***	Not determined
· ***Change in condition***	
· ***Melting point/freezing point:***	Not determined
· ***Initial boiling point and boiling range:***	Not determined
· ***Flash point:***	114 °C (calculated)
· ***Auto-ignition temperature:***	Product is not selfigniting.
· ***Self-inflammability:***	Product is not selfigniting.
· ***Explosive properties:***	Product is not explosive.
· ***Critical values for explosion:***	
· ***Lower:***	Not determined
· ***Upper:***	Not determined
· ***Vapour pressure:***	Not determined
· ***Density at 20 °C***	2 g/cm³ (ISO 2811-1)
· ***Solubility in / Miscibility with***	
· ***Water:***	Not determined
· ***Viscosity:***	
· ***dynamic at 25 °C:***	204200 - 306200 mPas (ISO 3219)
· ***kinematic:***	Not determined
· ***Other information***	No further relevant information available.

10 Stability and reactivity

· ***Reactivity*** No further relevant information available.
· ***Chemical stability***
· ***Thermal decomposition / conditions to be avoided:*** No decomposition if used according to specifications.
· ***Possibility of hazardous reactions*** Reacts with strong acids and oxidizing agents
· ***Conditions to avoid*** No further relevant information available.
· ***Incompatible materials:*** No further relevant information available.
· ***Hazardous decomposition products:***
Ammonia
Carbon monoxide and carbon dioxide
Organic decomposition products

(Contd. on page 8)

Safety data sheet
according to GHS

Printing date 28.07.2026 *Version number 1* *Revision: 28.07.2026*

***Trade name:* PERI Sealing adhesive 4 component B**

(Contd. from page 7)

11 Toxicological information

· ***Information on toxicological effects***
· ***Acute toxicity***

· ***LD/LC50 values that are relevant for classification:***		
ATE (Acute Toxicity Estimates)		
Oral	LD50	> 5.543 - 11.085 mg/kg

CAS: 100-51-6 benzyl alcohol		
Oral	LD50	1.200 mg/kg (ATE)
		1.620 mg/kg (Rat)
Dermal	LD50	2.000 mg/kg (rabbit)
Inhalative	LC50	> 4.178 mg/l/4h (Rat) (OECD 403)
CAS: 2855-13-2 isophorone diamine		
Oral	LD50	1.030 mg/kg (Rat) (OECD 401)
Dermal	LD50	> 2.000 mg/kg (Rat) (OECD 402)

· ***Primary irritant effect:***
· ***Skin corrosion/irritation*** Caustic effect on skin and mucous membranes.
· ***Serious eye damage/irritation*** Strong caustic effect.
· ***Respiratory or skin sensitisation*** Sensitization possible by skin contact.
· ***Additional toxicological information:***
The product shows the following dangers according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:
Toxic
Corrosive
Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.

· ***Repeated dose toxicity***		
CAS: 2855-13-2 isophorone diamine		
Oral	NOAEL (90d)	60 mg/kg bw/day (Rat) (OECD 408)
CAS: 113930-69-1 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with m-phenylenebis(methylamine)		
Oral	NOAEL (28d)	10 mg/kg bw/day (Rat)
Inhalative	NOAEC (2y)	12,3 mg/m³ (Rat)

(Contd. on page 9)

Safety data sheet
according to GHS

Printing date 28.07.2026 *Version number 1* *Revision: 28.07.2026*

***Trade name:* PERI Sealing adhesive 4 component B**

(Contd. from page 8)

12 Ecological information

· ***Toxicity***

· ***Aquatic toxicity:***	
CAS: 100-51-6 benzyl alcohol	
EC50	230 mg/l/48h (Daphnia magna) (OECD 202)
LC50 (static)	460 mg/l/96h (Pimephales promelas) (EPA OPP 72-1)
EC50 (static)	770 mg/l/72h (Raphidocelis subcapitata)
CAS: 2855-13-2 isophorone diamine	
EC50 (static)	23 mg/l/48h (Daphnia magna) (OECD 202)
LC50 (static)	110 mg/l/96h (fish) (EU C.1)
EC50 (static)	37 mg/l/72h (Desmodesmus subspicatus) (EU C.3)

· ***Persistence and degradability*** The polymeric portion of the product is heavily eliminable.
· ***Behaviour in environmental systems:***
· ***Bioaccumulative potential*** No further relevant information available.
· ***Mobility in soil*** No further relevant information available.
· ***Ecotoxical effects:***
· ***Remark:*** Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
· ***Additional ecological information:***
· ***General notes:***
Do not allow product to reach ground water, water bodies or sewage system.
Danger to drinking water if even small quantities leak into soil.
· ***Results of PBT and vPvB assessment***
· ***PBT:*** Not applicable
· ***vPvB:*** Not applicable
· ***Other adverse effects*** No further relevant information available.

13 Disposal considerations

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

· ***Uncleaned packagings:***
· ***Recommendation:***
Dispose of packaging according to regulations on the disposal of packagings.
Non contaminated packagings can be used for recycling.
Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning.

(Contd. on page 10)

Safety data sheet
according to GHS

Printing date 28.07.2026 *Version number 1* *Revision: 28.07.2026*

***Trade name:* PERI Sealing adhesive 4 component B**

(Contd. from page 9)

14 Transport information

· ***UN-Number***	
· ***ADR/RID, IMDG, IATA***	UN2735
· ***UN proper shipping name***	
· ***ADR/RID, IMDG, IATA***	POLYAMINES, LIQUID, CORROSIVE, N.O.S. (4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with m-phenylenebis(methylamine), ISOPHORONEDIAMINE)
· ***Transport hazard class(es)***	
· ***ADR/RID***	
· ***Class***	8 (C7) Corrosive substances.
· ***Label***	8
· ***IMDG, IATA***	
· ***Class***	8 Corrosive substances.
· ***Label***	8
· ***Packing group***	
· ***ADR/RID, IMDG, IATA***	II
· ***Environmental hazards:***	Not applicable
· ***Special precautions for user***	Warning: Corrosive substances.
· ***Kemler Number:***	80
· ***EMS Number:***	F-A,S-B
· ***Segregation groups***	(SGG18) Alkalis
· ***Stowage Category***	A
· ***Segregation Code***	SG35 Stow "separated from" SGG1-acids
· ***Transport in bulk according to Annex II of Marpol and the IBC Code***	Not applicable

(Contd. on page 11)

Safety data sheet
according to GHS

Printing date 28.07.2026 *Version number 1* *Revision: 28.07.2026*

***Trade name:* PERI Sealing adhesive 4 component B**

(Contd. from page 10)

· ***Transport/Additional information:***	
· ***ADR/RID***	
· ***Limited quantities (LQ)***	1L
· ***Excepted quantities (EQ)***	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· ***Transport category***	2
· ***Tunnel restriction code***	E
· ***IMDG***	
· ***Limited quantities (LQ)***	1L
· ***Excepted quantities (EQ)***	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· ***UN "Model Regulation":***	UN 2735 POLYAMINES, LIQUID, CORROSIVE, N.O.S. (4,4'-ISOPROPYLIDENEDIPHENOL, OLIGOMERIC REACTION PRODUCTS WITH 1-CHLORO-2,3-EPOXYPROPANE, REACTION PRODUCTS WITH M-PHENYLENEBIS(METHYLAMINE), ISOPHORONEDIAMINE), 8, II

15 Regulatory information

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

· ***National regulations***

· ***Information about limitation of use:***
Employment restrictions concerning women of child-bearing age must be observed.
Employment restrictions concerning young persons must be observed.

· ***Water hazard class:***

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

None of the ingredients is contained.

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

16 Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

(Contd. on page 12)

Safety data sheet
according to GHS

Printing date 28.07.2026 *Version number 1* *Revision: 28.07.2026*

Trade name: **PERI Sealing adhesive 4 component B**

(Contd. from page 11)

· ***Relevant phrases***
The phrases specified here are no labelling elements for the product but repeat the properties of the ingredients from section 3.

· ***Contact:***

· ***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
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)
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
ATE: Acute toxicity estimate values
Acute Tox. 4: Acute toxicity – Category 4
Skin Corr. 1B: Skin corrosion/irritation – Category 1B
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
Skin Sens. 1: Skin sensitisation – Category 1
Skin Sens. 1A: Skin sensitisation – Category 1A
Skin Sens. 1B: Skin sensitisation – Category 1B
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3