

POOL* MASTIC REPARATION FUITES - 127261



SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 2015/830)

>SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

> 1.1. Product identifier

Product name : POOL* MASTIC REPARATION FUITES
Product code : 127261.
UFI : D8JA-VW6D-440K-X57E

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

Epoxy sealant for repairing. This sheet states for both components (resin + hardener).
Read the technical data sheet for the operating procedure and an effective result

1.3. Details of the supplier of the safety data sheet

Registered company name : GEB.
Address : CS 62062.95972.ROISSY CDG CEDEX . France.
Telephone : 01 48 17 99 99. Fax : 01 48 17 98 00.
geb@geb.fr
www.geb.fr

1.4. Emergency telephone number : 01 45 42 59 59.

Association/Organisation : INRS.

>SECTION 2 : HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

In compliance with EC regulation No. 1272/2008 and its amendments.

Skin sensitisation, Category 1 (Skin Sens. 1, H317).

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

2.2. Label elements

> In compliance with EC regulation No. 1272/2008 and its amendments.

Hazard pictograms :



GHS07

Signal Word :

WARNING

Product identifiers :

EC 615-735-8

POLY(OXY(METHYL-1.2-ETHANEDIYL)) A-HYDRO-W-HYDROXY-, ETHER WIH
2.2-BIS(HYDROXYMETHYL)-1.3-PROPANEDIOL (4:1), 2-HYDROXY-3-MERCAPTOPROPYL
ETHER

603-074-00-8

REACTION PRODUCT: BISPHENOL-A-(EPICHLORHYDRIN)

Additional labeling :

EUH205

Contains epoxy constituents. May produce an allergic reaction.

EUH212

Warning! Hazardous respirable dust may be formed when used. Do not breathe dust.

Hazard statements :

H317

May cause an allergic skin reaction.

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Precautionary statements - General :

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.

Precautionary statements - Prevention :

P264 Wash hands thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/ ...

Precautionary statements - Response :

P302 + P352 IF ON SKIN: Wash with plenty of water/...
P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.

Precautionary statements - Disposal :

P501 Discard content/container according to applicable regulations.

2.3. Other hazards

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) >= 0.1% published by the European Chemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>

The mixture fulfils neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

>SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

> Composition :

Identification	(EC) 1272/2008	Note	%
INDEX: 613280001 CAS: 72244-98-5 EC: 615-735-8 REACH: 01-2120118957-46 POLY(OXY(METHYL-1,2-ETHANEDIYL))? A-HYDRO-W-HYDROXY-, ETHER WIH 2,2-BIS(HYDROXYMETHYL)-1,3-PROPANE DIOL (4:1), 2-HYDROXY-3-MERCAPTOPROPYL ETHER	GHS07 Wng Skin Sens. 1B, H317 Aquatic Chronic 3, H412		10 <= x % < 25
INDEX: 95_48_32 CAS: 13463-67-7 EC: 236-675-5 REACH: 01-2119489379-17 DIOXYDE DE TITANE		[1]	2.5 <= x % < 10
INDEX: 603-069-00-0 CAS: 90-72-2 EC: 202-013-9 REACH: 01-2119560597-27-XXXX 2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHE NOL	GHS07 Wng Acute Tox. 4, H302 Eye Irrit. 2, H319 Skin Irrit. 2, H315		2.5 <= x % < 10
INDEX: 603-074-00-8 CAS: 25068-38-6 EC: 500-033-5 REACH: 01-2119456619-26 REACTION PRODUCT: BISPHENOL-A-(EPICHLORHYDRIN)	GHS07, GHS09 Wng Eye Irrit. 2, H319 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 2, H411		0 <= x % < 2.5

Information on ingredients :

(Full text of H-phrases: see section 16)

[1] Substance for which maximum workplace exposure limits are available.

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>SECTION 4 : FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.

4.1. Description of first aid measures

In the event of splashes or contact with eyes :

Wash thoroughly with fresh, clean water for 15 minutes holding the eyelids open.

If there is any redness, pain or visual impairment, consult an ophthalmologist.

In the event of splashes or contact with skin :

Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner.

Watch out for any remaining product between skin and clothing, watches, shoes, etc.

In the event of an allergic reaction, seek medical attention.

In the event of an allergic reaction, seek medical attention.

> In the event of swallowing :

Do not give the patient anything orally.

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.

Seek medical attention immediately, showing the label.

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

No data available.

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

No data available.

>SECTION 5 : FIREFIGHTING MEASURES

Non-flammable.

5.1. Extinguishing media

In the event of fire, use specifically suitable extinguishing agents. Never use water.

Suitable methods of extinction

In the event of a fire, use :

- sprayed water or water mist
- foam
- multipurpose ABC powder
- BC powder
- carbon dioxide (CO₂)

Unsuitable methods of extinction

In the event of a fire, do not use :

- water
- water jet

5.2. Special hazards arising from the substance or mixture

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)
- carbon dioxide (CO₂)

> 5.3. Advice for firefighters

Due to the toxicity of the gas emitted on thermal decomposition of the products, fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

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>SECTION 6 : ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Consult the safety measures listed under headings 7 and 8.

For non first aid worker

Avoid any contact with the skin and eyes.

For first aid worker

First aid workers will be equipped with suitable personal protective equipment (See section 8).

> 6.2. Environmental precautions

Prevent any material from entering drains or waterways.

6.3. Methods and material for containment and cleaning up

Retrieve the product by mechanical means (sweeping/vacuuming).

6.4. Reference to other sections

No data available.

>SECTION 7 : HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

Individuals with a history of skin sensitisation should not, under any circumstance, handle this mixture.

> 7.1. Precautions for safe handling

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

> Fire prevention :

Prevent access by unauthorised personnel.

> Recommended equipment and procedures :

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

Never pour water into this mixture.

Prohibited equipment and procedures :

No smoking, eating or drinking in areas where the mixture is used.

7.2. Conditions for safe storage, including any incompatibilities

No data available.

> Storage

Keep out of reach of children.

Packaging

Always keep in packaging made of an identical material to the original.

7.3. Specific end use(s)

No data available.

>SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

> Occupational exposure limits :

- ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
13463-67-7	10 mg/m3			A4	

- France (INRS - ED984 / 2020-1546) :

CAS	VME-ppm :	VME-mg/m3 :	VLE-ppm :	VLE-mg/m3 :	Notes :	TMP No :
13463-67-7	-	10	-	-	-	-

- UK / WEL (Workplace exposure limits, EH40/2005, Fourth Edition 2020) :

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CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
13463-67-7	4 mg/m³				

Derived no effect level (DNEL) or derived minimum effect level (DMEL):

REACTION PRODUCT: BISPHENOL-A-(EPICHLORHYDRIN) (CAS: 25068-38-6)

Final use:

Exposure method:

Potential health effects:

DNEL :

Workers.

Dermal contact.

Short term systemic effects.

8.33 mg/kg body weight/day

Exposure method:

Potential health effects:

DNEL :

Dermal contact.

Long term systemic effects.

8.33 mg/kg body weight/day

Exposure method:

Potential health effects:

DNEL :

Inhalation.

Long term systemic effects.

12.25 mg of substance/m3

Exposure method:

Potential health effects:

DNEL :

Inhalation.

Short term systemic effects.

12.25 mg of substance/m3

2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL (CAS: 90-72-2)

Final use:

Exposure method:

Potential health effects:

DNEL :

Workers.

Dermal contact.

Long term systemic effects.

0.2 mg/kg body weight/day

Exposure method:

Potential health effects:

DNEL :

Inhalation.

Long term systemic effects.

0.31 mg of substance/m3

Predicted no effect concentration (PNEC):

REACTION PRODUCT: BISPHENOL-A-(EPICHLORHYDRIN) (CAS: 25068-38-6)

Environmental compartment:

PNEC :

Soil.

0.196 mg/kg

Environmental compartment:

PNEC :

Fresh water.

0.006 mg/l

Environmental compartment:

PNEC :

Sea water.

0.0006 mg/l

Environmental compartment:

PNEC :

Intermittent waste water.

0.018 mg/l

Environmental compartment:

PNEC :

Fresh water sediment.

0.996 mg/kg

Environmental compartment:

PNEC :

Marine sediment.

0.0996 mg/kg

Environmental compartment:

PNEC :

Waste water treatment plant.

10 mg/l

2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL (CAS: 90-72-2)

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Environmental compartment: PNEC :	Fresh water. 0.084 mg/l
Environmental compartment: PNEC :	Sea water. 0.0084 mg/l
Environmental compartment: PNEC :	Intermittent waste water. 0.84 mg/l
Environmental compartment: PNEC :	Waste water treatment plant. 0.2 mg/l

8.2. Exposure controls

Personal protection measures, such as personal protective equipment

Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

> - Eye / face protection

Avoid contact with eyes.

Before handling powders or dust emission, wear mask goggles in accordance with standard EN166.

> - Hand protection

Wear suitable protective gloves in the event of prolonged or repeated skin contact.

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN ISO 374-1.

Gloves must be selected according to the application and duration of use at the workstation.

Protective gloves need to be selected according to their suitability for the workstation in question : other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

Type of gloves recommended :

- PVA (Polyvinyl alcohol)
- Butyl Rubber (Isobutylene-isoprene copolymer)
- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))

Recommended properties :

- Impervious gloves in accordance with standard EN ISO 374-2

> - Body protection

Avoid skin contact.

Wear suitable protective clothing.

Suitable type of protective clothing :

Wear protective clothing against solid chemicals and particles suspended in the air (type 5) in accordance with standard EN13982-1/A1 to prevent skin contact.

In the event of substantial spatter, wear liquid-tight protective clothing against chemical risks (type 3) in accordance with EN14605 to prevent skin contact.

Wear protective clothing against solid chemicals and particles suspended in the air (type 5) in accordance with standard EN13982-1 to prevent skin contact.

In the event of a risk of splashing, wear protective clothing against chemical risks (type 6) in accordance with EN13034 to prevent skin contact.

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

> - Respiratory protection

Avoid inhaling dust.

Type of FFP mask :

Wear a disposable half-mask dust filter in accordance with standard EN149/A1.

Wear a disposable half-mask dust filter in accordance with standard EN149.

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>SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

General information :

Physical state : Solid.

> Important health, safety and environmental information

pH : Not relevant.

Boiling point/boiling range : >35°C

Flash point interval : Not relevant.

Vapour pressure (50°C) : Not relevant.

Density : 1.8

Water solubility : Insoluble.

9.2. Other information

VOC (g/l) : 0

>SECTION 10 : STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

> 10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

Avoid :

- humidity
- formation of dusts

Protect from moisture. Reaction with water can cause an exothermic reaction.

Dusts can form an explosive mixture with air.

10.5. Incompatible materials

Keep away from :

- water

10.6. Hazardous decomposition products

The thermal decomposition may release/form :

- carbon monoxide (CO)
- carbon dioxide (CO₂)

>SECTION 11 : TOXICOLOGICAL INFORMATION

> 11.1. Information on toxicological effects

May cause an allergic reaction by skin contact.

Based on the properties of the epoxy constituent(s) and considering toxicological data on similar preparations, this preparation may be a skin sensitizer and a respiratory tract sensitizer as well as an irritant.

Constituents with a low molecular weight irritate the eyes, mucous membranes and the skin

Repeated contact with the skin may cause irritation and hypersensitisation, possibly in combination with other epoxide compounds.

11.1.1. Substances

No toxicological data available for the substances.

11.1.2. Mixture

Respiratory or skin sensitisation :

Contains epoxy compounds. May cause an allergic reaction.

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|> **Monograph(s) from the IARC (International Agency for Research on Cancer) :**
CAS 13463-67-7 : IARC Group 2B : The agent is possibly carcinogenic to humans.

SECTION 12 : ECOLOGICAL INFORMATION

12.1. Toxicity

12.1.2. Mixtures

No aquatic toxicity data available for the mixture.

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

SECTION 13 : DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

13.1. Waste treatment methods

Do not pour into drains or waterways.

Waste :

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging :

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

SECTION 14 : TRANSPORT INFORMATION

Exempt from transport classification and labelling.

14.1. UN number

-

14.2. UN proper shipping name

-

14.3. Transport hazard class(es)

-

14.4. Packing group

-

14.5. Environmental hazards

-

14.6. Special precautions for user

-

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>SECTION 15 : REGULATORY INFORMATION

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

> - Classification and labelling information included in section 2:

The following regulations have been used:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 2020/1182 (ATP 15)

- Container information:

No data available.

- Particular provisions :

No data available.

15.2. Chemical safety assessment

No data available.

SECTION 16 : OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

Wording of the phrases mentioned in section 3 :

H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Abbreviations :

DNEL : Derived No-Effect Level

PNEC : Predicted No-Effect Concentration

STEL : Short-term exposure limit

TWA : Time Weighted Averages

TMP : French Occupational Illness table

TLV : Threshold Limit Value (exposure)

AEV : Average Exposure Value.

ADR : European agreement concerning the international carriage of dangerous goods by Road.

IMDG : International Maritime Dangerous Goods.

IATA : International Air Transport Association.

ICAO : International Civil Aviation Organisation

RID : Regulations concerning the International carriage of Dangerous goods by rail.

WGK : Wassergefährdungsklasse (Water Hazard Class).

GHS07 : Exclamation mark

PBT: Persistent, bioaccumulable and toxic.

vPvB : Very persistent, very bioaccumulable.

SVHC : Substances of very high concern.

> Modification compared to the previous version