

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

#### 1.1. Product identifier

Product form : Mixture  
Trade name : Polyester putty 2kg + hardener - gapol  
UFI : HPQ9-TVQK-RN9S-4E8V  
Product code : GAP 00

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

##### 1.2.1. Relevant identified uses

Use of the substance/mixture : Bodyfiller/stopper

##### 1.2.2. Uses advised against

No additional information available

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

Chemicar Europe NV  
Baarbeek 2  
2070 Zwijndrecht  
T +32 (0) 3 234 87 80 - F +32 (0) 3 234 87 89  
[info@chemicar.eu](mailto:info@chemicar.eu)

#### 1.4. Emergency telephone number

Emergency number : +32 (0) 3 760 08 09

### SECTION 2: Hazards identification

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

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

Flammable liquids, Category 3	H226
Skin corrosion/irritation, Category 2	H315
Serious eye damage/eye irritation, Category 2	H319
Reproductive toxicity, Category 2	H361d
Specific target organ toxicity — Repeated exposure, Category 1	H372
Hazardous to the aquatic environment — Chronic Hazard, Category 3	H412

Full text of H statements : see section 16

##### Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

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

Hazard pictograms (CLP) :



Signal word (CLP) :

Danger

Contains :

styrene

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Hazard statements (CLP)	: H226 - Flammable liquid and vapour. H315 - Causes skin irritation. H319 - Causes serious eye irritation. H361d - Suspected of damaging the unborn child. H372 - Causes damage to organs (hearing organs) through prolonged or repeated exposure. H412 - Harmful to aquatic life with long lasting effects.
Precautionary statements (CLP)	: P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P260 - Do not breathe dusts or mists. P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection. P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water . P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P403+P235 - Store in a well-ventilated place. Keep cool.
EUH-statements	: EUH208 - Contains 2,2'-(m-tolylimino)diethanol. May produce an allergic reaction.

### Scandinavian countries regulation

Denmark

MAL code : 4-6

### 2.3. Other hazards

No additional information available

## 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]
styrene	(CAS-No.) 100-42-5 (EC-No.) 202-851-5 (EC Index-No.) 601-026-00-0	10 – 20	Flam. Liq. 3, H226 Repr. 2, H361d Acute Tox. 4 (Inhalation), H332 STOT RE 1, H372 Skin Irrit. 2, H315 Eye Irrit. 2, H319
2,2'-(m-tolylimino)diethanol	(CAS-No.) 91-99-6 (EC-No.) 202-114-8	0.1 – 1	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 STOT RE 2, H373
2,2'-(4-methylphenyl)	(CAS-No.) 3077-12-1 (EC-No.) 221-359-1	0.1 – 1	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318
1,1'-(p-tolylimino)dipropan-2-ol	(CAS-No.) 38668-48-3 (EC-No.) 254-075-1	< 1	Acute Tox. 2 (Oral), H300 Eye Irrit. 2, H319 Aquatic Chronic 3, H412

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dichlone (ISO)	(CAS-No.) 117-80-6 (EC-No.) 204-210-5	0.025 – 0.1	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
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Full text of H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general	: Take off immediately all contaminated clothing.
First-aid measures after inhalation	: Allow affected person to breathe fresh air. Get medical advice/attention if you feel unwell.
First-aid measures after skin contact	: No irritant effect. Wash immediately with plenty of water.
First-aid measures after eye contact	: Rinse opened eye for several minutes under running water. Then consult doctor.
First-aid measures after ingestion	: Get medical advice/attention if you feel unwell.

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

No additional information available

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

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	: carbon dioxide (CO <sub>2</sub> ). sand. extinguishing powder. Do not use water.
Unsuitable extinguishing media	: Do not use a heavy water stream.

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

Reactivity in case of fire	: If the product is involved in a fire, it can release toxic chlorine gases.
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### 5.3. Advice for firefighters

Protection during firefighting	: Full face piece respirator.
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## SECTION 6: Accidental release measures

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

General measures	: Wear suitable protective clothing. Keep public away. Breathing apparatus.
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#### 6.1.1. For non-emergency personnel

No additional information available

#### 6.1.2. For emergency responders

No additional information available

### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

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

Methods for cleaning up	: Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). SECTION 13.
Other information	: Provide adequate ventilation. Do not flush with water.

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### 6.4. Reference to other sections

SECTION 13. SECTION 8. SECTION 7.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Additional hazards when processed : Provide good ventilation in process area to prevent formation of vapour. Open drums with care.

Precautions for safe handling : Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Breathing apparatus.

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

Storage conditions : Keep away from food, drink and animal feeding stuffs. Keep containers closed.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

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

##### 100-42-5 styrene

WEL	Short-term value: 1080 mg/m <sup>3</sup> , 250 ppm Long-term value: 430 mg/m <sup>3</sup> , 100 ppm
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### 8.2. Exposure controls

#### Appropriate engineering controls:

Take off immediately all contaminated clothing. Avoid contact with skin and eyes. Keep away from food, drink and animal feedingstuffs. Wash hands before breaks and after work.

#### Personal protective equipment:

Dust/aerosol mask with filter type P2. Gloves.

#### Hand protection:

Protective gloves. Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer. The protective gloves to be used must comply with the specifications of the regulation 2016/425 and the resultant standard EN 374. Since the product consists of several substances, the durability of the glove material cannot be estimated and needs to be tested before use

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Reusable gloves	Viton® II	6 (> 480 minutes)	≥0,7 mm		EN ISO 374

#### Eye protection:

Safety glasses

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

Device	Filter type	Condition	Standard
	Type P2		EN 143

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### Personal protective equipment symbol(s):



## SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Colour	: Grey.
Odour	: characteristic.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: 145.2 °C
Flash point	: 34 °C
Auto-ignition temperature	: 480 °C
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: 6 hPa
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 1.828 g/m <sup>3</sup>
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: 77500 – 92500 mPa·s
Explosive properties	: May form hazardous gas/vapour mixtures.
Oxidising properties	: No data available
Lower explosive limit (LEL)	: 1.2 vol %
Upper explosive limit (UEL)	: 8.9 vol %

### 9.2. Other information

VOC content : 0.63 %

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

No additional information available

### 10.3. Possibility of hazardous reactions

No additional information available

### 10.4. Conditions to avoid

No additional information available

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Carbon monoxide.

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### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitisation	: Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity	: Suspected of damaging the unborn child.
STOT-single exposure	: Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure	: Causes damage to organs (hearing organs) through prolonged or repeated exposure. (Based on available data, the classification criteria are not met)
Aspiration hazard	: Not classified (Based on available data, the classification criteria are not met)

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

##### 100-42-5 styrene

Oral	LD50	5.000 mg/kg (rat)
Dermal	LD50	>2.000 mg/kg (rat)
Inhalative	LD50/4h	11,8 mg/l (rat)

### SECTION 12: Ecological information

#### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Harmful to aquatic life with long lasting effects.

#### 12.2. Persistence and degradability

No additional information available

#### 12.3. Bioaccumulative potential

No additional information available

#### 12.4. Mobility in soil

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Ecology - soil	Danger of drinking-water pollution (ground water). May cause long-term adverse effects in the aquatic environment. Highly toxic to fishes.
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#### 12.5. Results of PBT and vPvB assessment

No additional information available

#### 12.6. Other adverse effects

No additional information available

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### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Regional legislation (waste)	: Do not dispose of with domestic waste. Do not discharge into drains.
Product/Packaging disposal recommendations	: Disposal must be done according to official regulations.
European List of Waste (LoW) code	: 08 01 11* - waste paint and varnish containing organic solvents or other dangerous substances

### SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN
<b>14.1. UN number</b>			
UN 3269	UN 3269	UN 3269	Not applicable
<b>14.2. UN proper shipping name</b>			
POLYESTER RESIN KIT	Not applicable	Not applicable	Not applicable
<b>Transport document description</b>			
UN 3269 POLYESTER RESIN KIT, 3, III, (E)	UN 3269 , 3, III	UN 3269 , 3, III	Not applicable
<b>14.3. Transport hazard class(es)</b>			
3	3	3	Not applicable
			Not applicable
<b>14.4. Packing group</b>			
III	III	III	Not applicable
<b>14.5. Environmental hazards</b>			
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Not applicable
No supplementary information available			

#### 14.6. Special precautions for user

##### Overland transport

Classification code (ADR)	: F3
Special provisions (ADR)	: 236, 340
Limited quantities (ADR)	: 5I
Excepted quantities (ADR)	: E0
Packing instructions (ADR)	: P302, R001
Transport category (ADR)	: 3
Special provisions for carriage - Operation (ADR)	: S2
Tunnel restriction code (ADR)	: E
EAC code	: •2YE

##### Transport by sea

Limited quantities (IMDG)	: 5 L
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##### Air transport

No data available

##### Inland waterway transport

Not applicable

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### 14.7. Transport in bulk according to Annex II of Marpol 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

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

VOC content : 0.63 %

#### 15.1.2. National regulations

##### Germany

Water hazard class (WGK) : WGK 2, Significantly hazardous to water (Classification according to AwSV, Annex 1)

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

Storage class (LGK) : LGK 3 - Flammable liquids

##### Netherlands

Waterbezwaarlijkheid : 10 - Weinig schadelijk voor in het water levende organismen; kan in het aquatisch milieu op lange termijn schadelijke effecten veroorzaken.

Saneringsinspanningen : A - In principe niet lozen; zo ja, dan toepassen van beste bestaande technieken

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 : styrene is listed

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### 15.2. Chemical safety assessment

No additional information available

## SECTION 16: Other information

### Full text of H- and EUH-statements:

Acute Tox. 2 (Oral)	Acute toxicity (oral), Category 2
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1



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Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Repr. 2	Reproductive toxicity, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
STOT RE 1	Specific target organ toxicity — Repeated exposure, Category 1
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2
H226	Flammable liquid and vapour.
H300	Fatal if swallowed.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H361d	Suspected of damaging the unborn child.
H372	Causes damage to organs through prolonged or repeated exposure.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH208	Contains 2,2'-(m-tolylimino)diethanol. May produce an allergic reaction.

### SDS EU (REACH Annex II)

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.