

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

1.1. Product identifier

Product form : Mixture
 Trade name : Finixa polyester putty UL Azure 1kg + hardener - ultra light
 Product code : GAP 31

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

1.2.1. Relevant identified uses

Industrial/Professional use spec : For professional use only
 Use of the substance/mixture : Fillers, putties, plasters, modelling clay

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

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

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
 Hazardous ingredients : styrene
 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 through prolonged or repeated exposure.
 Precautionary statements (CLP) : P201 - Obtain special instructions before use.
 P202 - Do not handle until all safety precautions have been read and understood.
 P260 - Do not breathe vapours.
 P280 - Wear protective gloves, eye protection.
 P403+P233 - Store in a well-ventilated place. Keep container tightly closed.

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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	15 - 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
xylene	(CAS-No.) 1330-20-7 (EC-No.) 215-535-7 (EC Index-No.) 601-022-00-9	1 - 3	Flam. Liq. 3, H226 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315
isopentane; 2-methylbutane	(CAS-No.) 78-78-4 (EC-No.) 201-142-8 (EC Index-No.) 601-085-00-2	0.1 - 0.25	Flam. Liq. 1, H224 Asp. Tox. 1, H304 STOT SE 3, H336 Aquatic Chronic 2, H411

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures after skin contact : Take off immediately all contaminated clothing. If skin irritation occurs: Get medical advice/attention. After contact with skin, wash immediately with plenty of water and soap.
- First-aid measures after eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- First-aid measures after ingestion : Do NOT induce vomiting. Get immediate medical advice/attention.

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

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Carbon dioxide (CO2). dry extinguishing powder.
- Unsuitable extinguishing media : Do not use extinguishing media containing water. Cool containers / tanks with spray water if possible. Do not use water jet.

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

No additional information available

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Wear personal protective equipment. Evacuate area. Remove ignition sources.

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

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6.2. Environmental precautions

Notify authorities if product enters sewers or public waters. Take up liquid spill into inert absorbent material. Soak up with inert absorbent material (for example sand, sawdust, a universal binder, silica gel).

6.3. Methods and material for containment and cleaning up

For containment : Dike for recovery or absorb with appropriate material.

6.4. Reference to other sections

SECTION 8. SECTION 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Avoid contact with eyes. Avoid contact with skin, eyes and clothing. Avoid breathing dust, mist or spray. Take off contaminated clothing. When using do not eat, drink or smoke.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Ensure adequate ventilation. Keep cool. Protect from sunlight. Store in a dry, well ventilated place away from sources of heat, ignition and direct sunlight.

Storage conditions : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep away from food, drink and animal feeding stuffs.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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EU	Local name	Isopentane
EU	IOELV TWA (mg/m ³)	3000 mg/m ³
EU	IOELV TWA (ppm)	1000 ppm
EU	Notes	(Ongoing)
EU	Regulatory reference	COMMISSION DIRECTIVE 2006/15/EC
Belgium	Local name	Pentane, tous isomères # Pentaan, alle isomeren
Belgium	Limit value (mg/m ³)	1800 mg/m ³
Belgium	Limit value (ppm)	600 ppm
Belgium	Short time value (mg/m ³)	2250 mg/m ³
Belgium	Short time value (ppm)	750 ppm
Belgium	Remark (BE)	D: la mention "D" signifie que la résorption de l'agent, via la peau, les muqueuses ou les yeux, constitue une partie importante de l'exposition totale. Cette résorption peut se faire tant par contact direct que par présence de l'agent dans l'air. # D: de vermelding "D" betekent dat de opname van het agens via de huid, de slijmvliezen of de ogen een belangrijk deel van de totale blootstelling vormt. Deze opname kan het gevolg zijn van zowel direct contact als zijn aanwezigheid in de lucht.
Belgium	Regulatory reference	Koninklijk besluit/Arrêté royal 11/03/2002
xylene (1330-20-7)		
EU	Local name	Xylene, mixed isomers, pure
EU	IOELV TWA (mg/m ³)	221 mg/m ³
EU	IOELV TWA (ppm)	50 ppm
EU	IOELV STEL (mg/m ³)	442 mg/m ³
EU	IOELV STEL (ppm)	100 ppm
EU	Notes	Skin
EU	Regulatory reference	COMMISSION DIRECTIVE 2000/39/EC
Belgium	Local name	Xylène, isomères mixtes, purs # Xyleen, mengsel van isomeren, zuiver
Belgium	Limit value (mg/m ³)	221 mg/m ³
Belgium	Limit value (ppm)	50 ppm
Belgium	Short time value (mg/m ³)	442 mg/m ³
Belgium	Short time value (ppm)	100 ppm

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Belgium	Regulatory reference	Koninklijk besluit/Arrêté royal 11/03/2002
Styrene (100-42-5)		
EU	TWA(8h)	85 mg/m ³ , 20 ppm - STEL(): 170 mg/m ³ , 40 ppm - Notes: Pelle
EU	ACGIH - TWA(8h)	20 ppm - STEL: 40 ppm - Notes: A4, BEI - CNS impair, URT irr, peripheral neuropathy

DNEL exposure limit values

Styrene (100-42-5)

Worker Professional	406 mg/kg - Consumer: 343 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects
Consumer	2.1 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects
Worker Professional	85 mg/m ³ - Consumer: 10.2 mg/m ³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
Worker Professional	289 mg/m ³ - Consumer: 174.25 mg/m ³ - Exposure: Human Inhalation - Frequency: Short Term, systemic effects
Worker Professional	306 mg/m ³ - Consumer: 182.75 mg/m ³ - Exposure: Human Inhalation - Frequency: Short Term, local effects

Xylene (1330-20-7)

Worker Professional	289 mg/kg - Exposure: Human Inhalation - Frequency: Short Term, local effects
Worker Professional	180 mg/kg - Consumer: 108 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects
Worker Professional:	77 mg/m ³ - Consumer: 14.8 mg/m ³ - Exposure: Human Inhalation - Frequency: Long Term, local effects
Consumer	1.6 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

PNEC exposure limit values

Styrene (100-42-5)

Fresh Water	Value: 0.028 mg/l
Marine water	Value: 0.028 mg/l
Freshwater sediments	Value: 0.614 mg/kg
Marine water sediments	Value: 0.0614 mg/kg
Soil (agricultural)	Value: 0.2 mg/kg
14	Value: 0.04 mg/l
Purification plant	Value: 5 mg/l

Xylene (1330-20-7)

STP	Value: 0.327 mg/l
Marine water	Value: 0.327 mg/l
Intermittent emissions	Value: 0.327 mg/l
Freshwater sediments	Value: 12.46 mg/kg
Marine water sediments	Value: 12.46 mg/kg
Soil - Value	2.31 mg/kg
Fresh Water	Value: 0.327 mg/l

8.2. Exposure controls

Materials for protective clothing:

Wear suitable protective clothing

Condition	Material	Standard
		EN 14605

Hand protection:

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
		3 (> 60 minutes)	0.4		EN 374

Eye protection:

Protective goggles

Use close fitting safety goggles and/or visor conforming to BS 2092 GRADE 1).

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Skin and body protection:

Take off immediately all contaminated clothing.

Type	Standard
	EN 14605

Respiratory protection:

Device	Filter type	Condition	Standard
	Type A - High-boiling (>65 °C) organic compounds		

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: No data available
Colour	: Grey.
Odour	: No data available
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 °C
Flash point	: 31 °C
Auto-ignition temperature	: 490 °C
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: 6.7 hPa
Relative vapour density at 20 °C	: No data available
Relative density	: 1000 g/cm ³
Density	: 3.6
Solubility	: Insoluble.
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Lower explosive limit (LEL)	: 1.1 vol %
Upper explosive limit (UEL)	: 8 vol %

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions

10.2. Chemical stability

No additional information available

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

Oxidant. Strongly supports combustion. May react violently with combustible materials.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

No additional information available

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified

LD/LC50 values relevant for classification:

Styrene (100-42-5)

Oral	LD50	>5,000 mg/kg (rat)
Inhalative	LC50	Rat = 11.8 mg/l - Duration: 4h
Dermal	LD50	Rat > 2000 mg/kg - Notes: OECD 402

Xylene (1330-20-7)

Oral	LD50	3523 mg/kg (rat)
Dermal	LD50	4350 mg/kg (rabbit)
Inhalative	LD50	6350 ppm – Duration: 4h

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
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Suspected of damaging the unborn child.
STOT-single exposure : Not classified
STOT-repeated exposure : Causes damage to organs through prolonged or repeated exposure.

Xylene (1330-20-7)

Oral	LOAEL(C) NOAEL(C)	2000 mg/kg (rat) – Notes: bw/day 1000 mg/kg (rat) - Notes: bw/day
Inhalative	LOAEL(C)	0.21 mg/l (rat)

Styrene (100-42-5)

Symptoms may appear many hours after exposure. Medical observation is therefore necessary for 48 hours after exposure. May cause sleepiness or dizziness. Inhalation: may irritate respiratory tract. Ingestion: may irritate gastrointestinal tract, along with nausea, vomit and diarrhea, disorientation. Inhalation, skin contact or ingestion may result in reduced fetal weight, increase risk of fetal death, skeletal malformations.

Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

Styrene – CAS 100-42-5

Acute aquatic toxicity : Endpoint: LC50 - Species: Fish = 4.02 mg/l - Duration h: 96
Endpoint: EC50 - Species: Algae = 4.9 mg/l - Duration h: 72
Endpoint: EC50 - Species: Daphnia = 4.7 mg/kg - Duration h: 48
Endpoint: EC10 - Species: Algae = 0.28 mg/l - Duration h: 96
Chronic aquatic toxicity : Endpoint: NOEC - Species: Daphnia = 1.01 mg/l - Duration h: 504

Xylene – CAS 1330-20-7

Aquatic acute toxicity : Endpoint: EC50 - Species: Daphnia = 1 mg/l - Duration h: 24
Endpoint: EC50 - Species: Algae = 4.36 mg/l - Duration h: 73
Endpoint: LC50 - Species: Fish = 2.6 mg/l - Duration h: 96
Endpoint: NOEC - Species: Algae = 0.44 mg/l - Duration h: 73
Endpoint: NOEC - Species: Daphnia = 1.57 mg/l - Duration h: 504
Endpoint: NOEC - Species: Fish = 1.3 mg/l - Duration h: 1344

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

Do not mix with waste water, rain or surface water. Floats on water, evaporates from liquid and solid surfaces but a significant amount may penetrate and pollute water table.

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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




SECTION 13: Disposal considerations

13.1. Waste treatment methods

No additional information available

SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN
14.1. UN number			
3269	1263	Not applicable	Not applicable
14.2. UN proper shipping name			
POLYESTER RESIN KIT	PAINT	Polyester resin kit	Not applicable
Transport document description			
UN 3269 POLYESTER RESIN KIT, 3, III, (E)	UN 1263 PAINT, 3, III	Not applicable	Not applicable
14.3. Transport hazard class(es)			
3	3	3	Not applicable
			Not applicable
14.4. Packing group			
III	III	Not applicable	Not applicable
14.5. Environmental hazards			
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

- Transport by sea

Special provisions (IMDG) : 163, 223, 367, 955
Limited quantities (IMDG) : 5 L
Excepted quantities (IMDG) : E1
Packing instructions (IMDG) : P001, LP01
Special packing provisions (IMDG) : PP1
IBC packing instructions (IMDG) : IBC03
Tank instructions (IMDG) : T2
Tank special provisions (IMDG) : TP1, TP29
EmS-No. (Fire) : F-E
EmS-No. (Spillage) : S-E
Stowage category (IMDG) : A
Properties and observations (IMDG) : Miscibility with water depends upon the composition.

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- Air transport

PCA Excepted quantities (IATA)	: E0
PCA Limited quantities (IATA)	: Y370
PCA limited quantity max net quantity (IATA)	: 1kg
PCA packing instructions (IATA)	: 370
PCA max net quantity (IATA)	: 5kg
CAO packing instructions (IATA)	: 370
CAO max net quantity (IATA)	: 5kg
Special provisions (IATA)	: A66, A163
ERG code (IATA)	: 3L

- Inland waterway transport

Not applicable

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

15.1.2. National regulations

Germany

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

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

Netherlands

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,xylene are listed

Denmark

Class for fire hazard : Class II-1

Store unit : 5 liter

Classification remarks : R10 <H226;H315;H319;H361d;H372>; Emergency management guidelines for the storage of flammable liquids must be followed

Danish National Regulations : Young people below the age of 18 years are not allowed to use the product
Pregnant/breastfeeding women working with the product must not be in direct contact with the product

The requirements from the Danish Working Environment Authorities regarding work with carcinogens must be followed during use and disposal

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Full text of H- and EUH-statements:

Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2

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Asp. Tox. 1	Aspiration hazard, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 1	Flammable liquids, Category 1
Flam. Liq. 3	Flammable liquids, Category 3
Repr. 2	Reproductive toxicity, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT RE 1	Specific target organ toxicity — Repeated exposure, Category 1
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
H224	Extremely flammable liquid and vapour.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H336	May cause drowsiness or dizziness.
H361d	Suspected of damaging the unborn child.
H372	Causes damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.

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