

SAFETY DATA SHEET
In accordance with Regulation (EU) 2020/878
POLYKEN 1027 Primer

Compilation date: 07.09.2010

Revision: 26.04.2021

Version: 5.0 ENG

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

1.1. Product identifier

Trade name: **POLYKEN 1027 Primer**

Contains: Octane, mixture of isomers; Isoheptane; Methylcyclohexane

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

Identified uses: POLYKEN adhesive coating.

Uses advised against: not specified.

1.3. Details of the supplier of the safety data sheet

Supplier: ANTICOR Sp. z o.o.
Address: Wygoda 28, 32-020 Wieliczka, Poland
Telephone No/Fax No: +48 12 288 33 33 / +48 12 278 53 26
E-Mail: anticor@anticor.pl

1.4. Emergency telephone number

+48 12 288 33 33 (available from Monday till Friday during office hours: 8 am – 4 pm)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Hazard	Classification
	According to Regulation (EC) no. 1272/2008
for physical-chemical properties:	Flam. Liq. 2, H225 Highly flammable liquid and vapour.
for health hazards:	Asp. Tox. 1, H304 May be fatal if swallowed and enters airways. Skin Irrit. 2, H315 Causes skin irritation. STOT SE 3, H336 May cause drowsiness or dizziness.
for environmental hazards:	Aquatic Acute 1, H400 Very toxic to aquatic life. Aquatic Chronic 1, H410 Very toxic to aquatic life with long lasting effects.

2.2. Label elements

Hazard pictogram(s): GHS02  GHS07  GHS08  GHS09 

Signal word(s): Danger

Hazard statement(s):

H225 Highly flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H336 May cause drowsiness or dizziness.
H410 Very toxic to aquatic life with long lasting effects.

Precautionary statement(s):

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with



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water/ shower.
P331 Do NOT induce vomiting.

2.3. Other hazards

Not known.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Substance name	% mass	Product identifier	Regulation (EC) No 1272/2008 (CLP)	
			Hazard class	H-phrases
Octane, mixture of isomers	20 – 25	CAS nr: 111-65-9 EC nr: 203-892-1 Index nr: 601-009-00-8 Registration nr: Not available	Flam. Liq. 2 Asp. Tox. 1 Skin Irrit. 2 STOT SE 3 Aquatic Acute 1 Aquatic Chronic 1	H225 H304 H315 H336 H400 H410
Isoheptane	7 – 15	CAS nr: 31394-54-4 EC nr: 250-610-8 Index nr: 601-008-00-2 Registration nr: Not available	Flam. Liq. 2 Asp. Tox. 1 Skin Irrit. 2 STOT SE 3 Aquatic Acute 1 Aquatic Chronic 1	H225 H304 H315 H336 H400 H410
Methylcyclohexane	7 – 12	CAS nr: 108-87-2 EC nr: 203-624-3 Index nr: 601-018-00-7 Registration nr: Not available	Flam. Liq. 2 Asp. Tox. 1 Skin Irrit. 2 STOT SE 3 Aquatic Chronic 2	H225 H304 H315 H336 H411
Xylene, mixture of isomers	10 – 10.4	CAS nr: 1330-20-7 EC nr: 215-535-7 Index nr: 601-022-00-9 Registration nr: Not available	Flam. Liq. 3 Acute Tox. 4 Acute Tox. 4 Skin Irrit. 2	H226 H312 H332 H315
Phenolic resin	4.7	CAS nr: Not applicable EC nr: Not applicable Index nr: Not applicable Registration nr: Not available	Eye Irrit. 2 Skin Irrit. 2 STOT SE 3	H319 H315 H336
Methanol	1 – 2	CAS nr: 67-56-1 EC nr: 200-659-6 Index nr: 603-001-00-X Registration nr: Not available	Flam. Liq. 2 Acute Tox. 3 Acute Tox. 3 Acute Tox. 3 STOT SE 1	H225 H331 H311 H301 H370 STOT SE 1; H370: C≥ 10% STOT SE 2; H371: 3% ≤ C < 10%
Cyclohexane	1 – 2	CAS nr: 110-82-7 EC nr: 203-806-2 Index nr: 601-017-00-1 Registration nr: Not available	Flam. Liq. 2 Asp. Tox. 1 Skin Irrit. 2 STOT SE 3 Aquatic Acute 1 Aquatic Chronic 1	H225 H304 H315 H336 H400 H410
n-hexane	0.5 – 0.8	CAS nr: 110-54-3 EC nr: 203-777-6 Index nr: 601-037-00-0 Registration nr: Not available	Flam. Liq. 2 Repr. 2 Asp. Tox. 1 STOT RE 2 Skin Irrit. 2 STOT SE 3 Aquatic Chronic 2	H225 H361f H304 H373 H315 H336 H411 STOT RE 2; H373: C≥ 5%
Ethylbenzene	<0.1	CAS nr: 100-41-4 EC nr: 202-849-4 Index nr: 601-023-00-4 Registration nr: Not available	Flam. Liq. 2 Acute Tox.4 Asp. Tox. 1 STOT RE 2	H225 H332 H304 H373 (hearing organs)

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The text of the H-phrases is shown in section 16 of the safety data sheet.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation:

Remove victim to fresh air. When any symptoms persists get medical attention.

Contact with skin:

Wash skin thoroughly with soap and water, then flush with a plenty of water. Do not use neutralizing agents. When an irritation persists get medical attention.

Contact with eyes:

Flush eyes with plenty of water for at least 15 minutes holding the eyelids open, remove contact lenses if present. Do not use neutralizing agents. When an irritation persists, consult an ophthalmologist.

Ingestion:

Do NOT induce vomiting. Rinse mouth with water. Get medical attention.

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

Inhalation: CNS depression, headache, nausea, dizziness, disturbance in consciousness.

Contact with skin: tingling/irritation of the skin.

Contact with eyes: Irritation of the eye tissue.

Ingestion: gastrointestinal complaints, risk of aspiration pneumonia.

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

As a general rule, in case of doubt or if symptoms persist, always call a doctor. Do not give anything to eat or drink to an unconscious person. Do not induce vomiting. Show the safety data sheet or label/ packaging to a person providing first aid.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable Extinguishing Media: water spray, foam, BC powder, carbon dioxide

Unsuitable Extinguishing Media: not determined.

5.2. Special hazards arising from the substance or mixture

Gas/vapour spreads at floor level: ignition hazard. May build up electrostatic charges: risk of ignition. Upon combustion CO and CO₂ are formed.

5.3. Advice for firefighters

Cool tanks/drums with water spray/remove them into safety. Do not move the load if exposed to heat. Prevent from entering contaminated water into sewers, rivers or other bodies of water. Dispose of waste water in compliance with current legislation. People should be properly trained and equipped with proper clothing and safety equipment. Use fire resistant protective clothing, breathing apparatus and eye protection.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Use adequate personal protective equipment as required in Section 8 of the safety data sheet.

6.2. Environmental precautions

Prevent soil and water pollution. Prevent spreading in sewers. Contain released product, pump over in suitable containers. Plug the leak, cut off the supply. Dam up the liquid spill. Try to reduce evaporation.

6.3. Methods and material for containment and cleaning up

Stop leaks from the container. Spillage cover with an inert material eg. earth, sand, vermiculite, diatomite and



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than collect to a labelled container. Do not use compressed air for pumping over spills. Dispose of waste in compliance with current legislation. Wash the contaminated area in plenty of water.

6.4. Reference to other sections

Refer to Sections 8 and 13 of the safety data sheet.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Use spark-/explosionproof appliances and lighting system. Take precautions against electrostatic charges. Handle uncleaned empty containers as full ones. Never eat, drink or smoke during use. Always wash hands with soap and water before and after work. Use adequate personal protective equipment as required in Section 8 of the safety data sheet.

7.2. Conditions for safe storage, including any incompatibilities

Store in cool area, in tightly closed, properly labelled containers. Ventilation at floor level. Keep away from heat sources, ignition sources, oxidizing agents.

7.3. Specific end use(s)

Not known.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Poland:

Xylene, mixture of isomers: NDS: 100 mg/m³, NDCh: 200 mg/m³, NDSP: - (dermal)

Ethylbenzene: NDS: 200 mg/m³, NDCh: 400 mg/m³, NDSP: - (dermal)

Methanol: NDS: 100 mg/m³, NDCh: 300 mg/m³, NDSP: - (dermal)

Cyclohexane: NDS: 300 mg/m³, NDCh: 1000 mg/m³, NDSP: - (dermal)

Methylcyclohexane: NDS: 1600 mg/m³, NDCh: 3000 mg/m³, NDSP: -

n-hexane: NDS: 72 mg/m³, NDCh: -, NDSP: - (dermal)

Octane: NDS: 1000 mg/m³, NDCh: 1800 mg/m³, NDSP: -

EU OELs:

Xylene, mixture of isomers: TWA 8h: 221 mg/m³, 50 ppm; STEL 15 min.: 442 mg/m³, 100 ppm (dermal)

Ethylbenzene: TWA 8h: 442 mg/m³, 100 ppm; STEL 15 min.: 884 mg/m³, 200 ppm (dermal)

Methanol: TWA 8h: 260 mg/m³, 200 ppm; STEL 15 min.: - (dermal)

Cyclohexane: TWA 8h: 700 mg/m³, 200 ppm; STEL 15 min.: -

n-hexane: TWA 8h: 72 mg/m³, 20 ppm; STEL 15 min.: -

DNEL/PNEC: Not available

8.2. Exposure controls

Appropriate engineering controls:

Measure the concentration in the air regularly. Work under local exhaust/ventilation

Eye/face protection:

Protective goggles.

Skin protection:

Protective gloves made of nitrile rubber or PVA. Wear suitable protective clothing, head/neck protection.

Respiratory protection:

Gas mask with filter type A when exposure limits are exceeded.

Thermal hazards:

Not known.

Environmental exposure controls:

Precautions should be made against environmental contamination.



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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

a) Physical state	: Black liquid
b) Colour	: Petroleum-like
c) Odour	: Not available
d) Melting point/freezing point	: Not available
e) Boiling point or initial boiling point and boiling range	: Not available
f) Flammability	: Highly flammable liquid and vapour
g) Lower and upper explosion limit	: Not available
h) Flash point	: <23°C
i) Auto-ignition temperature	: Not applicable
j) Decomposition temperature	: Not available
k) pH	: Not available
l) Kinematic viscosity	: Not available
m) Solubility	: Insoluble in water
n) Partition coefficient n-octanol/water (log value)	: Not available
o) Vapour pressure	: Not available
p) Density and/or relative density	: Not available
q) Relative vapour density	: >2
r) Particle characteristics	: Not available

9.2. Other information

Volatile organic compounds (VOC) : < 22%

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Mixture is not reactive.

10.2. Chemical stability

Mixture is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

10.3. Possibility of hazardous reactions

Not known.

10.4. Conditions to avoid

Not known.

10.5. Incompatible materials

Heat sources, ignition sources, oxidizing agents.

10.6. Hazardous decomposition products

Not known. Hazardous combustion products are listed in Section 5 of the safety data sheet.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity:

Based on available data, the classification criteria are not met.

Skin corrosion/irritation:

Causes skin irritation.

Serious eye damage/irritation:

Based on available data, the classification criteria are not met.



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Respiratory or skin sensitisation:

Based on available data, the classification criteria are not met.

Germ cell mutagenicity:

Based on available data, the classification criteria are not met.

Carcinogenicity:

Based on available data, the classification criteria are not met.

Reproductive toxicity:

Based on available data, the classification criteria are not met.

STOT-single exposure:

May cause drowsiness or dizziness.

STOT-repeated exposure:

Based on available data, the classification criteria are not met.

Aspiration hazard:

May be fatal if swallowed and enters airways.

11.2. Information on other hazards

Not applicable.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Very toxic to aquatic life with long lasting effects.

12.2. Persistence and degradability

Data not available

12.3. Bioaccumulative potential

BCF: not available.

12.4. Mobility in soil

Data not available

12.5. Results of PBT and vPvB assessment

Not known.

12.6. Endocrine disrupting properties

Not known.

12.7. Other adverse effects

WGK : 2 (Classification based on the components in compliance with Verwaltungsvorschrift wassergefährdender Stoffe (VwVwS) of 27 July 2005 (Anhang 4))

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste code: 08 01 11* - waste paint and varnish containing organic solvents or other dangerous substances
15 01 10* - packaging containing residues of or contaminated by dangerous substances

Recycle or dispose of waste in compliance with current legislation. Remove to an authorized plant for the destruction, neutralization and elimination of hazardous waste. Do not discharge into surface water

Packaging: Recycle or dispose of waste in compliance with current legislation.

Directive 2008/98/EC of the European Parliament and of the Council of the Member State.

SECTION 14: TRANSPORT INFORMATION

14.1. UN number or ID number

1139

14.2. UN proper shipping name

COATING SOLUTION

14.3. Transport hazard class(es)

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14.4. Packing group	II
14.5. Environmental hazards	Yes. Marine pollutant
14.6. Special precautions for user	Not applicable
14.7. Maritime transport in bulk according to IMO instruments	Not applicable

SECTION 15: REGULATORY INFORMATION

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

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC

2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC

15.2. Chemical safety assessment

Chemical safety assessment has not been carried out for the mixture by a supplier - it is not required.

SECTION 16: OTHER INFORMATION

Classification method:

Classification is based on calculation method, information of the mixture's components and test results in accordance with criteria listed in CLP Regulation.

Changes made in the safety data sheet during revision:

Adaptation to Regulation (EU) 2020/878. General review.

Legend to abbreviations and acronyms used in the safety data sheet:

NDS	Occupational Exposure Limit (Poland)
NDSch	Short-term Occupational Exposure Limit (Poland)
NDSP	Threshold limit value – ceiling (Poland)
OELs	Occupational Exposure Limits
vPvB	Very persistent and very bioaccumulative (substance)
PBT	Persistent, bioaccumulative and toxic (substance)
PNEC	Predicted No Effect Concentration
DNEL	Derived No Effect Levels
BCF	Bioconcentration factor

Literature references and sources for data:

Regulations/legislations mentioned in sections 2 – 15 of safety data sheet. Information supplied by the manufacturer.

List of relevant hazard statements and/or precautionary statements, which are not written out in full under Sections 2 to 15:

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H301	Toxic if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.



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H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H361f	Suspected of damaging fertility.
H370	Causes damage to organs.
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.
H411	Toxic to aquatic life with long lasting effects.

Advice on any training appropriate for workers to ensure protection of human health and the environment:

Workers that use the product should be trained and informed about personal protection, accident procedure, etc.

Exposure scenarios: data is included in sections of the MSDS.

Information in this safety data sheet is correct to the best of our knowledge, information and belief at the date of its publication. Information provided herein serves only as guidelines for safe work, use, processing, storage, and waste management. It cannot be considered as a warranty or quality certificate. This information applies only to specific material designated and may not be suitable for such material used in combination with any other materials or in any other manner not described in this document.

Prepared by [mia-Che](http://www.mia-che.pl) www.mia-che.pl for ANTICOR Sp. z o.o.

