

POLYFIX PRIMER

Creation date	27th November 2022	Version	2.0
Revision date			

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

- 1.1. Product identifier** POLYFIX PRIMER
Substance / mixture mixture
Number 1 03.0040
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**
Mixture's intended use
Activator.
Mixture uses advised against
For professional use only.
- 1.3. Details of the supplier of the safety data sheet**
Supplier
Name or trade name RETECH, s.r.o.
Address Vackova 1541/4, Praha 5 - Stodůlky, 155 00
Czech Republic
Identification number (CRN) 25018205
VAT Reg No CZ25018205
Phone +420327596428
E-mail info@retech.cz
Web address www.retech.com
- Competent person responsible for the safety data sheet**
Name RETECH, s.r.o.
E-mail info@retech.cz
- 1.4. Emergency telephone number**
European emergency number: 112

SECTION 2: Hazards identification

- 2.1. Classification of the substance or mixture**
Classification of the mixture in accordance with Regulation (EC) No 1272/2008
The mixture is classified as dangerous.

Flam. Liq. 2, H225
Skin Irrit. 2, H315
STOT SE 3, H335, H336
Aquatic Chronic 2, H411

Full text of all classifications and hazard statements is given in the section 16.

Most serious adverse physico-chemical effects

Highly flammable liquid and vapour.

Most serious adverse effects on human health and the environment

Causes skin irritation. May cause respiratory irritation. May cause drowsiness or dizziness. Toxic to aquatic life with long lasting effects.

- 2.2. Label elements**
Hazard pictogram



Signal word
Danger

Hazardous substances

Naphtha (petroleum), hydrotreated light

SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

POLYFIX PRIMER

Creation date 27th November 2022
Revision date Version 2.0

Hazard statements

H225 Highly flammable liquid and vapour.
H315 Causes skin irritation.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P243 Take action to prevent static discharges.
P261 Avoid breathing vapours.
P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.
P280 Wear protective gloves/eye protection.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P314 Get medical advice/attention if you feel unwell.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P501 Dispose of container to in accordance with national regulations.

2.3. Other hazards

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Mixture of substances and additives specified below.

Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
CAS: 64742-49-0 EC: 265-151-9	Naphtha (petroleum), hydrotreated light	>80	Flam. Liq. 1, H224 Skin Irrit. 2, H315 STOT SE 3, H336, H335 Aquatic Chronic 2, H411	

Full text of all classifications and hazard statements is given in the section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet.

If inhaled

Terminate the exposure immediately; move the affected person to fresh air. If required, provide artificial respiration. Provide medical treatment.

If on skin

Remove contaminated clothes immediately. Immediately wash with water and soap and rinse thoroughly.

If in eyes

Rinse eyes immediately with a flow of running water.

If swallowed

Rinse out the mouth with clean water. DO NOT INDUCE VOMITING! In the event of issues, find medical advice. Provide medical treatment.

POLYFIX PRIMER

Creation date

27th November 2022

Revision date

Version

2.0

4.2. Most important symptoms and effects, both acute and delayed**If inhaled**

May cause respiratory irritation. May cause drowsiness or dizziness.

If on skin

There may be irritation and redness at the site of contact. Absorption through the skin may occur causing symptoms similar to those of inhalation or ingestion. Prolonged or repeated contact may cause defatting of the skin, which can lead to dermatitis.

If in eyes

There may be irritation and redness.

If swallowed

There may be soreness and redness of the mouth and throat. Nausea. Stomach pain. Inhalation of fumes from the stomach may cause symptoms similar to direct inhalation. Aspiration into the lungs may cause chemical pneumonitis, which can be fatal.

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

not available

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Alcohol or polymer foam, carbon dioxide, dry chemical powder.

Unsuitable extinguishing media

Water.

5.2. Special hazards arising from the substance or mixture

Highly flammable liquid and vapour. Vapours mixed up with air can be explosive. Vapour may travel considerable distance to source of ignition and flash back. In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise.

5.3. Advice for firefighters

Use a self-contained breathing apparatus and full-body protective clothing. Closed containers with the product near the fire should be cooled with water.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment for work. Evacuate area. Keep unprotected persons away. Provide sufficient ventilation. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Do not allow product to reach sewage system or any water course. Prevent other leakage.

6.3. Methods and material for containment and cleaning up

Spilled product should be covered with suitable (non-flammable) absorbing material (sand, diatomaceous earth, earth and other suitable absorption materials); to be contained in well closed containers and removed as per the Section 13. Use non-sparking tools.

6.4. Reference to other sections

See the Section 7, 8 and 13.

SECTION 7: Handling and storage**7.1. Precautions for safe handling**

Use personal protective equipment as per Section 8. Ensure good ventilation/exhaustion at the workplace. Do not handle in a confined space. Avoid the formation or spread of mists in the air. Prevent contact with skin and eyes. Take precautionary measures against static discharge. Keep away from sources of heating, ignition and direct sunlight. Do not pierce or burn, even after use. No smoking.

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed. Store in a well-ventilated place. Keep cool. Keep away from sources of heating, ignition and direct sunlight. Take precautionary measures against static discharge.

POLYFIX PRIMER

Creation date	27th November 2022	Version	2.0
Revision date			

The specific requirements or rules relating to the substance/mixture

Suitable packaging: Stainless steel. Glass. Aluminium containers.

7.3. Specific end use(s)

not available

SECTION 8: Exposure controls/personal protection**8.1. Control parameters**

The mixture contains no substances for which occupational exposure limits are set.

8.2. Exposure controls

Follow the usual measures intended for health protection at work and especially for good ventilation. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest. Do not inhale gases and vapours. Prevent contact with skin and eyes.

Eye/face protection

Protective goggles.

Skin protection

Hand protection: Protective gloves resistant to the product. The glove material must be impermeable and resistant against the product/substance/preparation. Material of gloves: Butyl rubber. Other protection: protective workwear.

Respiratory protection

Self-contained breathing apparatus must be available in case of emergency. Filter A.

Thermal hazard

Not available.

Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state	liquid
Colour	colourless
Odour	paraffinic
Melting point/freezing point	data not available
Boiling point or initial boiling point and boiling range	94-99 °C
Flammability	Highly flammable liquid and vapour.
Lower and upper explosion limit	
bottom	1,0 %
upper	7,0 %
Flash point	-5 °C
Auto-ignition temperature	215 °C
Decomposition temperature	data not available
pH	data not available
Kinematic viscosity	1 mm ² /s at 40 °C (ISO 3104/3105)
Viscosity	non-viscous
Solubility in water	insoluble
Solubility in fats	data not available
Solubility V petroétheru	soluble
Partition coefficient n-octanol/water (log value)	4,7
Vapour pressure	5 kPa at 20 °C
Density and/or relative density	
Relative density	0,71
Form	liquid
data not available	

9.2. Other information

Evaporation rate	fast
Oxidising properties	No
Explosive properties	Vapours mixed up with air can be explosive.

POLYFIX PRIMER

Creation date

27th November 2022

Revision date

Version

2.0

SECTION 10: Stability and reactivity**10.1. Reactivity**

The product is stable under normal conditions.

10.2. Chemical stability

The product is stable under normal conditions.

10.3. Possibility of hazardous reactions

When used in the standard way, there is not any dangerous reaction with other substances.

10.4. Conditions to avoid

Keep away from sources of heating, ignition and direct sunlight.

10.5. Incompatible materials

Protect against strong acids and oxidizing agents.

10.6. Hazardous decomposition products

Dangerous outcomes such as carbon monoxide and carbon dioxide are formed at high temperature and in fire.

SECTION 11: Toxicological information**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**

No toxicological data is available for the mixture.

Acute toxicity

Based on available data the classification criteria are not met.

Naphtha (petroleum), hydrotreated light

Route of exposure	Parameter	Value	Exposure time	Species	Sex
Oral	LD ₅₀	>2000 mg/kg		Rat	
Dermal	LD ₅₀	>2000 mg/kg		Rabbit	
Inhalation	LC ₅₀	>5 mg/l	4 hour	Rat	

Irritation

POLYFIX PRIMER

Route of exposure	Result	Exposure time	Species	Value determination
Dermal	Irritating			Calculation of value

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/irritation

Based on available data the classification criteria are not met.

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.

Toxicity for specific target organ - single exposure

May cause respiratory irritation. May cause drowsiness or dizziness.

Toxicity for specific target organ - repeated exposure

Based on available data the classification criteria are not met.

Aspiration hazard

Based on available data the classification criteria are not met.

11.2. Information on other hazards

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

POLYFIX PRIMER

Creation date	27th November 2022	Version	2.0
Revision date			

SECTION 12: Ecological information**12.1. Toxicity****Acute toxicity**

Toxic to aquatic life with long lasting effects.

12.2. Persistence and degradability

The mixture is biodegradable.

12.3. Bioaccumulative potential

Bioaccumulation potential.

12.4. Mobility in soil

Floats on water. Volatile. Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

12.6. Endocrine disrupting properties

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

12.7. Other adverse effects

Not available.

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Keep away from heat and other ignition sources. Empty containers or liners may retain some product residues.

Waste management legislation

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

Waste type code

16 03 05 organic wastes containing hazardous substances *

Packaging waste type code

15 01 10 packaging containing residues of or contaminated by hazardous substances *

(*) - Hazardous waste according to Directive 2008/98/EC on hazardous waste

SECTION 14: Transport information**14.1. UN number or ID number**

UN 3295

14.2. UN proper shipping name

HYDROCARBONS, LIQUID, N.O.S.

14.3. Transport hazard class(es)

3 Flammable liquids

14.4. Packing group

II - substances presenting medium danger

14.5. Environmental hazards

Yes. Product contains environmentally hazardous substances: Naphtha (petroleum), hydrotreated light

14.6. Special precautions for user

Reference in the Sections 4 to 8.

14.7. Maritime transport in bulk according to IMO instruments

not relevant

POLYFIX PRIMER

Creation date

27th November 2022

Revision date

Version

2.0

Additional information

Hazard identification No.

UN number

Safety signs



3+ hazardous for the environment

**Road transport - ADR**

Excepted quantities

E1

Transport category

2

Tunnel restriction code

(D/E)

Railway transport - RID**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 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the 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, as amended. Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16th 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, as amended.

15.2. Chemical safety assessment

not available

SECTION 16: Other information**A list of standard risk phrases used in the safety data sheet**

H224	Extremely flammable liquid and vapour.
H225	Highly flammable liquid and vapour.
H315	Causes skin irritation.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.

Guidelines for safe handling used in the safety data sheet

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P243	Take action to prevent static discharges.
P261	Avoid breathing vapours.
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment.
P280	Wear protective gloves/eye protection.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P314	Get medical advice/attention if you feel unwell.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P501	Dispose of container to in accordance with national regulations.

Other important information about human health protection

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

POLYFIX PRIMER

Creation date

27th November 2022

Revision date

Version

2.0

Key to abbreviations and acronyms used in the safety data sheet

ADR	European agreement concerning the international carriage of dangerous goods by road
BCF	Bioconcentration Factor
CAS	Chemical Abstracts Service
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures
EC	Identification code for each substance listed in EINECS
EINECS	European Inventory of Existing Commercial Chemical Substances
EmS	Emergency plan
EU	European Union
EuPCS	European Product Categorisation System
IATA	International Air Transport Association
IBC	International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
INCI	International Nomenclature of Cosmetic Ingredients
ISO	International Organization for Standardization
IUPAC	International Union of Pure and Applied Chemistry
LC ₅₀	Lethal concentration of a substance in which it can be expected death of 50% of the population
LD ₅₀	Lethal dose of a substance in which it can be expected death of 50% of the population
log K _{ow}	Octanol-water partition coefficient
MARPOL	International Convention for the Prevention of Pollution from Ships
OEL	Occupational Exposure Limits
PBT	Persistent, Bioaccumulative and Toxic
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Agreement on the transport of dangerous goods by rail
UN	Four-figure identification number of the substance or article taken from the UN Model Regulations
UVCB	Substances of unknown or variable composition, complex reaction products or biological materials
VOC	Volatile organic compounds
vPvB	Very Persistent and very Bioaccumulative
Aquatic Chronic	Hazardous to the aquatic environment (chronic)
Flam. Liq.	Flammable liquid
Skin Irrit.	Skin irritation
STOT SE	Specific target organ toxicity - single exposure

Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

Recommended restrictions of use

not available

Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended.
REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

The changes (which information has been added, deleted or modified)

The version 2.0 replaces the SDS version from 23 January 2018. Changes were made in sections 11, 12, 13, 15 and 16.

Statement

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according to Regulation (EC) No 1907/2006 (REACH) as amended

POLYFIX PRIMER

Creation date

27th November 2022

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Version

2.0

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.