

Safety Data Sheet

according to Regulation (EC) No 1907/2006

BUTYLEN®-HT Primer

Revision date: 24.06.2016

Product code:
G_BUTYLEN_HT_PRIMER

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

1.1. Product identifier

BUTYLEN®-HT Primer

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

Use of the substance/mixture

PC 1, Adhesives, sealants
PC 9, Coatings and paints, fillers, putties, thinners
PC 14, Metal surface treatment products
SU19, Building and construction work

1.3. Details of the supplier of the safety data sheet

Company name:	DEKOTEC GmbH	
Street:	Felderstr. 24	
Place:	D-51371 Leverkusen	
Post-office box:	150120	
	D-51344 Leverkusen	
Telephone:	0214/2602-0	Telefax: 0214/2602-217
Contact person:	H. Hoffmann	Telephone: 0214 / 2602 - 220
Responsible Department:	Labor	

1.4. Emergency telephone number:

GIZ Nord Göttigen, Tel. 0049/551/1924-0

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

Hazard categories:
Flammable liquid: Flam. Liq. 2
Skin corrosion/irritation: Skin Irrit. 2
Specific target organ toxicity - single exposure: STOT SE 3
Hazardous to the aquatic environment: Aquatic Chronic 2
Hazard Statements:
Highly flammable liquid and vapour.
Causes skin irritation.
May cause drowsiness or dizziness.
Toxic to aquatic life with long lasting effects.

2.2. Label elements

Regulation (EC) No. 1272/2008

Hazard components for labelling

Hydrocarbons C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane
cyclohexane
n-hexane

Signal word: Danger

Pictograms:



Hazard statements

H225 Highly flammable liquid and vapour.

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H315	Causes skin irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.

Precautionary statements

P264	Wash hands thoroughly after handling.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P370+P378	In case of fire: Never use water.
P233	Keep container tightly closed.
P240	Ground and bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting equipment.
P242	Use non-sparking tools.
P243	Take action to prevent static discharges.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312	Call a POISON CENTER/doctor if you feel unwell.
P391	Collect spillage.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P501	Dispose of contents/container to burn.

Special labelling of certain mixtures

Operate if possible out of doors or in a well-ventilated place.

2.3. Other hazards

In use, may form flammable/explosive vapour-air mixture.
water contaminating

SECTION 3: Composition/information on ingredients**3.2. Mixtures****Chemical characterization**

Solvent-applied lacquers, inks, adhesives and specialty coatings.

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Hazardous components

CAS No	Chemical name	Quantity
	EC No	
	Index No	
	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
	Hydrocarbons C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	ca. 60 %
	921-024-6	01-2119475514-35
	Flam. Liq. 2, Skin Irrit. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H225 H315 H336 H304 H411	
110-82-7	cyclohexane	<5 %
	203-806-2	601-017-00-1
	Flam. Liq. 2, Asp. Tox. 1, Skin Irrit. 2, STOT SE 3, Aquatic Acute 1, Aquatic Chronic 1; H225 H304 H315 H336 H400 H410	
110-54-3	n-hexane	<5 %
	203-777-6	601-037-00-0
	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	

Full text of H and EUH statements: see section 16.

Further Information

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Take off all contaminated clothing immediately.

After inhalation

Move to fresh air in case of accidental inhalation of vapours. If symptoms persist, call a physician.

After contact with skin

Wash off immediately with plenty of water for at least 15 minutes.
If skin irritation persists, call a physician.

After contact with eyes

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Consult a physician.

After ingestion

Rinse mouth. Do not induce vomiting. Notes to physician

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

Inhalation of high vapour concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.

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

Not applicable

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Use dry chemical, CO₂, water spray or "alcohol" foam.

Unsuitable extinguishing media

Do not use a solid water stream as it may scatter and spread fire.

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5.2. Special hazards arising from the substance or mixture

The product is insoluble and floats on water. Vapours are heavier than air and may spread along floors. Flash back possible over considerable distance. Vapours may form explosive mixture with air.

5.3. Advice for firefighters

In the event of fire, wear self-contained breathing apparatus.

Additional information

Water mist may be used to cool closed containers.

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

Ensure adequate ventilation.
Use personal protective equipment.
Avoid contact with the skin and the eyes.
Keep product and empty container away from heat and sources of ignition.

6.2. Environmental precautions

Do not flush into surface water or sanitary sewer system.

6.3. Methods and material for containment and cleaning up

Ensure adequate ventilation.
Soak up with inert absorbent material and dispose of as hazardous waste.

6.4. Reference to other sections

13. Disposal considerations
8. Personal protective equipment

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

Use only in well-ventilated areas. Use personal protective equipment. Keep away from sources of ignition - No smoking. Do not breathe vapours or spray mist.

Advice on protection against fire and explosion

Vapours are heavier than air and may spread along floors. Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits. May be ignited by open flame. Keep product and empty container away from heat and sources of ignition. Take measures to prevent the build up of electrostatic charge

Further information on handling

Preparation may charge electrostatically: always use earthing leads when transferring from one container to another.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Storage must be in accordance with the VbF (Germany).

Advice on storage compatibility

Incompatible with oxidising agents.

Further information on storage conditions

Store at room temperature in the original container.

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

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Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
110-82-7	Cyclohexane	100	350		TWA (8 h)	WEL
		300	1050		STEL (15 min)	WEL
110-54-3	n-Hexane	20	72		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL

Additional advice on limit values

Provide adequate ventilation.

8.2. Exposure controls

Protective and hygiene measures

When using, do not eat, drink or smoke.

Handle in accordance with good industrial hygiene and safety practice.

Eye/face protection

tightly fitting safety goggles

Hand protection

protective gloves nitrile rubber >=0,4mm (>480 min)

Skin protection

long sleeved clothing

Respiratory protection

Vapours are heavier than air and can cause suffocation by reducing oxygen available for breathing . In case of insufficient ventilation wear suitable respiratory equipment . Breathing apparatus with filter. A-P2

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: liquid
 Colour: black
 Odour: solvent

Test method

pH-Value: not applicable

Changes in the physical state

Initial boiling point and boiling range: > 70 °C ASTM D-1078

Flash point: -18 °C DIN 51755

Lower explosion limits: 0,8 vol. %

Upper explosion limits: 7,7 vol. %

Ignition temperature: > 200 °C DIN 51794

Vapour pressure:
 (at 20 °C) 61 hPa

Density (at 20 °C): typ. 0,8 g/cm³

Water solubility: practically not soluble

Viscosity / kinematic:
 (at 23 °C) typ. 231 mm²/s

Flow time:
 (at 23 °C) typ. 40 s 4 DIN 53211

Solvent content: ca. 70 Gew%

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9.2. Other information

Solid content:

ca. 30 Gew%

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

No decomposition if stored and applied as directed.

10.2. Chemical stability

Stable at normal conditions

10.3. Possibility of hazardous reactions

In use, may form flammable/explosive vapour-air mixture.

10.4. Conditions to avoid

Heat, flames and sparks. Heating can release vapours which can be ignited.

10.5. Incompatible materials

strong oxidising agents

10.6. Hazardous decomposition products

In the event of fire, the following can be released: carbon oxides

Further information

Vapours may form explosive mixture with air.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute toxicity**

Not applicable

Irritation and corrosivity

May cause skin irritation and/or dermatitis.

Sensitising effects

None known

Carcinogenic/mutagenic/toxic effects for reproduction

Not applicable

STOT-single exposure

Vapours may cause drowsiness and dizziness.

STOT-repeated exposure

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

Concentration above the admissible concentration at the workplace may cause dizziness, headache and inebriation.

Aspiration hazard

Not applicable

Further information

Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

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

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CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
110-54-3	n-hexane					
	Acute fish toxicity	LC50	2,5 mg/l	96 h	Pimephales promelas	Geiger et al. 1990

12.2. Persistence and degradability

The product is insoluble and floats on water. The product evaporates readily.

12.3. Bioaccumulative potential

No information available

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
110-54-3	n-hexane	3,9

12.4. Mobility in soil

Very volatile.

12.5. Results of PBT and vPvB assessment

Not applicable

12.6. Other adverse effects

Ecological injuries are not known or expected under normal use.

Further information

WGK 2

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal number of waste from residues/unused products

080409 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants containing organic solvents or other hazardous substances; hazardous waste

Waste disposal number of used product

080118 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU and removal of paint and varnish; wastes from paint or varnish removal other than those mentioned in 08 01 17

Waste disposal number of contaminated packaging

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances; hazardous waste

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number: UN 1263
14.2. UN proper shipping name: Paint
14.3. Transport hazard class(es): 3
14.4. Packing group: II
 Hazard label: 3

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Classification code:	F1
Special Provisions:	163 640D 650
Limited quantity:	5 L
Transport category:	2
Hazard No:	33
Tunnel restriction code:	D/E

Other applicable information (land transport)

: 163 640D 650
E2
: 2

Inland waterways transport (ADN)

<u>14.1. UN number:</u>	UN 1263
<u>14.2. UN proper shipping name:</u>	Paint
<u>14.3. Transport hazard class(es):</u>	3
<u>14.4. Packing group:</u>	II
Hazard label:	3
Classification code:	F1
Special Provisions:	163 640D 650
Limited quantity:	5 L

Other applicable information (inland waterways transport)

E2

Marine transport (IMDG)

<u>14.1. UN number:</u>	UN 1263
<u>14.2. UN proper shipping name:</u>	Paint
<u>14.3. Transport hazard class(es):</u>	3
<u>14.4. Packing group:</u>	II
Hazard label:	3
Special Provisions:	163
Limited quantity:	5 L
EmS:	F-E, S-E

Other applicable information (marine transport)

: 163, 944
E2

Air transport (ICAO-TI/IATA-DGR)

<u>14.1. UN number:</u>	UN 1263
<u>14.2. UN proper shipping name:</u>	Paint
<u>14.3. Transport hazard class(es):</u>	3
<u>14.4. Packing group:</u>	II
Hazard label:	3
Special Provisions:	A3 A72
Limited quantity Passenger:	1 L
IATA-packing instructions - Passenger:	353
IATA-max. quantity - Passenger:	5 L
IATA-packing instructions - Cargo:	364
IATA-max. quantity - Cargo:	60 L

Other applicable information (air transport)

E2
: Y305
: A3 A72

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: Y341

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: yes

14.6. Special precautions for user

Not relevant

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

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 57: cyclohexane

2004/42/EC (VOC): VOC = 70 % (w/w)

Additional information

VOC = 70 % (w/w)

National regulatory information

Employment restrictions:

Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Water contaminating class (D):

2 - clearly water contaminating

SECTION 16: Other information

Relevant H and EUH statements (number and full text)

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.
H361f	Suspected of damaging fertility.
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.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)