

Safety Data Sheet

according to Regulation (EC) No 1907/2006

BUTYLEN-HT Primer

Revision date: 26.09.2019

Product code: G_PRIMER_HT

Page 1 of 9

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
PC9a, Coatings and paints, thinners, paint removers
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

Australian Distributor:

Universal Corrosion Coatings
16 Sperry Drive, Tullamarine VIC 3043
Phone: 03 9310 3515
Contact Person: David Anderson

1.4. Emergency telephone

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

number:**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.
H315 Causes skin irritation.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

BUTYLEN-HT Primer

Revision date: 26.09.2019

Product code: G_PRIMER_HT

Page 2 of 9

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.
 P403+P233 Store in a well-ventilated place. 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.
 P264 Wash hands thoroughly after handling.
 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.
 P370+P378 In case of fire: Never use water.
 P391 Collect spillage.
 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.

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
	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, Skin Irrit. 2, STOT SE 3, Asp. Tox. 1, Aquatic Acute 1, Aquatic Chronic 1; H225 H315 H336 H304 H400 H410			
110-54-3	n-hexane			<5 %
	203-777-6	601-037-00-0		
	Flam. Liq. 2, Repr. 2, Skin Irrit. 2, STOT SE 3, STOT RE 2, Asp. Tox. 1, Aquatic Chronic 2; H225 H361f H315 H336 H373 H304 H411			

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

Safety Data Sheet

according to Regulation (EC) No 1907/2006

BUTYLEN-HT Primer

Revision date: 26.09.2019

Product code: G_PRIMER_HT

Page 3 of 9

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. Call a physician immediately.

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.

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.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

BUTYLEN-HT Primer

Revision date: 26.09.2019

Product code: G_PRIMER_HT

Page 4 of 9

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).

Hints on joint storage

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

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

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 $\geq 0,4\text{mm}$ (>480 min)

Skin protection

long sleeved clothing

Safety Data Sheet

according to Regulation (EC) No 1907/2006

BUTYLEN-HT Primer

Revision date: 26.09.2019

Product code: G_PRIMER_HT

Page 5 of 9

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: 60-120 °C ASTM D-1078

Flash point: -18 °C DIN 51755

Lower explosion limits: 0,6 vol. %

Upper explosion limits: 8 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. 180 mm²/s

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

Solvent content: ca. 70 Gew%

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.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

BUTYLEN-HT Primer

Revision date: 26.09.2019

Product code: G_PRIMER_HT

Page 6 of 9

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.

Practical experience

Other observations

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.

Further information

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

SECTION 12: Ecological information

12.1. Toxicity

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

Safety Data Sheet

according to Regulation (EC) No 1907/2006

BUTYLEN-HT Primer

Revision date: 26.09.2019

Product code: G_PRIMER_HT

Page 7 of 9

List of Wastes Code - 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

List of Wastes Code - 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

List of Wastes Code - 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
 Classification code: F1
 Special Provisions: 163 367 640D 650
 Limited quantity: 5 L
 Excepted quantity: E2
 Transport category: 2
 Hazard No: 33
 Tunnel restriction code: D/E

Inland waterways transport (ADN)

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
 Classification code: F1
 Special Provisions: 163 367 640D 650
 Limited quantity: 5 L
 Excepted quantity: E2

Marine transport (IMDG)

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
 Special Provisions: 163, 367
 Limited quantity: 5 L
 Excepted quantity: E2

Safety Data Sheet

according to Regulation (EC) No 1907/2006

BUTYLEN-HT Primer

Revision date: 26.09.2019

Product code: G_PRIMER_HT

Page 8 of 9

EmS: F-E, S-E

Air transport (ICAO-TI/ATA-DGR)

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
 Special Provisions: A3 A72 A192
 Limited quantity Passenger: 1 L
 Passenger LQ: Y341
 Excepted quantity: E2
 IATA-packing instructions - Passenger: 353
 IATA-max. quantity - Passenger: 5 L
 IATA-packing instructions - Cargo: 364
 IATA-max. quantity - Cargo: 60 L

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**Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]**

Classification	Classification procedure
Flam. Liq. 2; H225	On basis of test data
Skin Irrit. 2; H315	Calculation method
STOT SE 3; H336	Calculation method
Aquatic Chronic 2; H411	Calculation method

Relevant H and EUH statements (number and full text)

H225 Highly flammable liquid and vapour.
 H304 May be fatal if swallowed and enters airways.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

BUTYLEN-HT Primer

Revision date: 26.09.2019

Product code: G_PRIMER_HT

Page 9 of 9

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.)