

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Name of product Primer K 200
Code-Nr. 135502

1.2. Relevant identified uses of the substance or mixture and uses advised against**Recommended intended purpose(s)**

to be used as surface preconditioning

1.3. Details of the supplier of the safety data sheet**Distributor**

WEICON GmbH & Co. KG
Königsberger Str. 255, DE-48157 Münster
Phone : +49(0)251 / 9322 - 0, Fax : +49(0)251 / 9322 - 244
E-Mail : msds@weicon.de
Internet : www.weicon.de

Advice

Produktsicherheit / Product-Safety-Department
Phone : +49(0)251 / 9322 - 0
Fax : +49(0)251 / 9322 - 244
E-mail (competent person):
msds@weicon.de

1.4. Emergency telephone number

EMERGENCY CONTACT - UK, UAE, South Africa (24h): Tel:
++44 1865 407333 (English)
TRANSPORT EMERGENCY CONTACT - UK, UAE, South
Africa (24h): Tel: ++44 1865 407333 (English)

Manufacturer

WEICON GmbH & Co. KG
Königsberger Str. 255, DE-48157 Münster

1.4. Emergency telephone number

GIFTNOTRUF/TRANSPORTNOTRUF - Deutschland (24h):
Tel: ++49 69 222 25285 (Deutsch, Englisch)

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]**

| Hazard classes and Hazard categories | Hazard Statements | Classification procedure |
|--------------------------------------|-------------------|--------------------------|
|--------------------------------------|-------------------|--------------------------|

| | | |
|-------------------|------|--|
| Flam. Liq. 2 | H225 | |
| Skin Irrit. 2 | H315 | |
| Eye Irrit. 2 | H319 | |
| STOT SE 3 | H336 | |
| Asp. Tox. 1 | H304 | |
| Aquatic Chronic 3 | H412 | |

Hazard Statements

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

| | |
|------|--|
| H315 | Causes skin irritation. |
| H319 | Causes serious eye irritation. |
| H336 | May cause drowsiness or dizziness. |
| H412 | Harmful to aquatic life with long lasting effects. |

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]



GHS02



GHS07



GHS08

Signal word

Danger

Hazard Statements

| | |
|------|--|
| H225 | Highly flammable liquid and vapour. |
| H304 | May be fatal if swallowed and enters airways. |
| H315 | Causes skin irritation. |
| H319 | Causes serious eye irritation. |
| H336 | May cause drowsiness or dizziness. |
| H412 | Harmful to aquatic life with long lasting effects. |

Precautionary Statements

| | |
|--------------------|--|
| P102 | Keep out of reach of children. |
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P233 | Keep container tightly closed. |
| P243 | Take precautionary measures against static discharge. |
| 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. |
| P273 | Avoid release to the environment. |
| P301 + P310 | IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. |
| P302 + P352 | IF ON SKIN: Wash with plenty of soap and water. |
| P303 + P361 + P353 | IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. |
| P304 + P340 | IF INHALED: Remove person to fresh air and keep comfortable for breathing. |
| P305 + P351 + P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P312 | Call a POISON CENTER or doctor/physician if you feel unwell. |
| P331 | Do NOT induce vomiting. |
| P332 + P313 | If skin irritation occurs: Get medical advice/attention. |
| P337 + P313 | If eye irritation persists: Get medical advice/attention. |
| P362 | Take off contaminated clothing. |
| P370 + P378 | In case of fire: Use foam for extinction. |
| P403 + P233 | Store in a well-ventilated place. Keep container tightly closed. |
| P403 + P235 | Store in a well-ventilated place. Keep cool. |
| P405 | Store locked up. |
| P501 | Dispose of contents/container to hazardous or special waste collection point. |

**Hazardous ingredients for labeling**

Hydrocarbons, C6-C9, propan-2-ol

2.3. Other hazards**Information pertaining to special dangers for human and environment**

In extensive use, formation of flammable / explosive vapour-air mixture is possible.

Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

! SECTION 3: Composition/ information on ingredients**3.1. Substances**

not applicable

3.2. Mixtures**! Hazardous ingredients**

| CAS No | EC No | Name | [% weight] | Classification according to Regulation (EC) No 1272/2008 [CLP/GHS] |
|----------|------------------------|--|----------------|---|
| 67-63-0 | 200-661-7 | propan-2-ol | 50 - 75 | Flam. Liq. 2, H225 / Eye Irrit. 2, H319 / STOT SE 3, H336 |
| 110-54-3 | 203-777-6 | n-hexane | < 1 | Flam. Liq. 2, H225 / Repr. 2, H361f / Asp. Tox. 1, H304 / STOT RE 2, H373 / Skin Irrit. 2, H315 / STOT SE 3, H336 / Aquatic Chronic 2, H411 |
| 546-68-9 | 208-909-6 921-024-6 | Tétraisopropanolate de titane Kohlenwasserstoffe, C6-C7 | < 2 15 < 25 | Eye irrit. 2, H319 / Flam. Liq. 3, H226 Flam. Liq. 2, H225 / Asp. Tox. 1, H304 / Aquatic Chronic 2, H411 / Skin Irrit. 2, H315 / STOT SE 3, H336 |

REACH

| CAS No | Name | REACH registration number |
|----------|--|--------------------------------------|
| 67-63-0 | propan-2-ol | 01-2119457558-25 |
| 110-54-3 | n-hexane | 01-2119480412-44 |
| 546-68-9 | Tétraisopropanolate de titane Kohlenwasserstoffe, C6-C7 | 01-2119967389-17 01-2119475515-33 |

SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

Remove contaminated soaked clothing immediately.

In case of inhalation

Remove the casualty into fresh air and keep him immobile.

In the event of symptoms refer for medical treatment.

In case of skin contact

Dab affected skin part with a cotton ball or cellulose and wash it afterwards with plenty of water and a mild cleaner.

Consult a doctor if skin irritation persists.

In case of eye contact

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

In case of ingestion

If swallowed or in case of vomiting, danger of infiltration into the lungs (danger of aspiration).

Do not induce vomiting.

Call for a doctor immediately.



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

Physician's information / possible symptoms

vomiting
Respiratory complaints
Nausea
skin irritation

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

Treatment (Advice to doctor)

If swallowed or in the event of vomiting, risk of entering the lungs.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Alcohol-resistant foam
Dry powder
Carbon dioxide
Water spray jet

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

In case of fire formation of dangerous gases possible.

Carbon monoxide (CO)
Carbon dioxide (CO₂)

5.3. Advice for firefighters

Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply.

Fire-fighting operations, rescue and clearing work under effect of combustion and smoulder gases just may be done with breathing apparatus.

Additional information

Collect contaminated firefighting water separately, must not be discharged into the drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Ensure adequate ventilation.
Use personal protective clothing.
Keep away sources of ignition.
Use breathing apparatus if exposed to vapours/dust/aerosol.

6.2. Environmental precautions

Do not discharge into the drains or bodies of water..
Do not discharge into the drains/surface waters/groundwater.

6.3. Methods and material for containment and cleaning up

Take up mechanically and send for disposal.

Additional Information

Sort out leaky cans and dispose according to regulations.

**6.4. Reference to other sections**

Safe handling: see section 7

Disposal: see section 13

Personal protection equipment: see section 8

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

Care for thoroughly room ventilation, if necessary use in well ventilated area with local exhaust ventilation at workplace.
Provide good room ventilation even at ground level (vapours are heavier than air).

General protective measures

Do not inhale vapours.

Avoid contact with eyes and skin

Hygiene measures

At work do not eat, drink and smoke.

Remove soiled or soaked clothing immediately.

Wash hands before breaks and after work.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking

Protect from heat and sunlight.

The heavy vapours may bridge a long distance to source of ignition.

Vapours can form an explosive mixture with air.

Take precautionary measures against static discharges.

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

Prevent penetration into the ground.

Keep only in original container.

Advice on storage compatibility

Do not store with acids or alkalies.

Do not store together with animal feedstuffs.

Do not store together with food.

Do not store together with oxidizing agents.

Further information on storage conditions

Keep container tightly closed, store at cool and aired place, open and handle carefully.

Protect from frost.

Protect from heat and direct solar radiation.

Store in a dry place.

7.3. Specific end use(s)**Recommendation(s) for intended use**

See section 1.2

! SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Ingredients with occupational exposure limits to be monitored**

| CAS No | Name | Code | [mg/m ³] | [ppm] | Remark |
|----------|-------------|-----------------------|----------------------|------------|-----------|
| 110-54-3 | n-hexane | 8 hours | 72 | 20 | EH40/2005 |
| 67-63-0 | propan-2-ol | 8 hours Short-term | 999 1250 | 400 500 | EH40/2005 |

**Indicative occupational exposure limit values (91/322/EEC, 2000/39/EC, 2006/15/EC or 2009/161/EU)**

| CAS No | Name | Code | [mg/m3] | [ppm] | Remark |
|----------|----------|---------|---------|-------|--------|
| 110-54-3 | n-hexane | 8 hours | 72 | 20 | |

DNEL-/PNEC-values**DNEL worker**

| CAS No | Substance name | Value | Code | Remark |
|----------|---------------------------|------------------|--------------------------------------|--------|
| | Kohlenwasserstoffe, C6-C7 | 2035 mg/m3 | DNEL long-term inhalative (systemic) | |
| 110-54-3 | n-hexane | 75 mg/m3 | DNEL long-term inhalative (systemic) | |
| 67-63-0 | propan-2-ol | 500 mg/m3 | DNEL long-term inhalative (systemic) | |
| | | 888 mg/kg bw/day | DNEL long-term dermal (systemic) | |

Additional advice

The statutory local and national regulations have to be observed.

8.2. Exposure controls**Respiratory protection**

If ventilation insufficient, wear respiratory protection.

Short-term: filter apparatus, filter AX, otherwise environment-independent breathing apparatus.

Hand protection

In the cases of special applications, it is recommended to check the chemical resistance with the manufacturer of the gloves.

Chemical protective gloves must be chosen carefully in view of their design and depending on the dependence on the concentration and amounts of dangerous goods used in the specific working tasks.

Glove material specification [make/type, thickness, permeation time/life, wetting resistance]: butyl rubber, 0,7mm; 480min

Eye protection

tightly fitting goggles

Other protection measures

protective clothing

Appropriate engineering controls

Care for thoroughly room ventilation, if necessary use in well ventilated area with local exhaust ventilation at workplace.

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

liquid

Colour

colourless

Odour

solvent-like

Odour threshold

not determined

Important health, safety and environmental information

| | Value | Temperature | at | Method | Remark |
|----------------------|----------------|-------------|----|--------|--------|
| pH value | not determined | | | | |
| boiling point | 60 °C | | | | |



Safety Data Sheet according to Regulation (EC)

No. 1907/2006 (REACH)

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Primer K 200

| | Value | Temperature | at | Method | Remark |
|--|------------------------|-------------|----|--------|-------------------|
| melting point | not determined | | | | |
| Flash point | -30 °C | | | | |
| Vapourisation rate | not determined | | | | |
| Flammable (solid) | not determined | | | | |
| Flammability (gas) | not determined | | | | |
| Ignition temperature | > 200 °C | | | | |
| Self ignition temperature | not determined | | | | |
| Lower explosion limit | 1,1 Vol-% | | | | |
| Upper explosion limit | 12 Vol-% | | | | |
| Vapour pressure | 246 hPa | 20 °C | | | |
| Relative density | 0,77 g/cm ³ | 20 °C | | | |
| Vapour density | not determined | | | | |
| Solubility in water | | | | | partially soluble |
| Solubility/other | not determined | | | | |
| Partition coefficient n-octanol/water (log P O/W) | not determined | | | | |
| Decomposition temperature | not determined | | | | |
| Viscosity dynamic | not determined | | | | |
| Viscosity kinematic | not determined | | | | |
| Solvent content | 98,2 % | | | | |

Oxidising properties

No information available.

Explosive properties

Explo. Gr.: IIA (gem. 94/9/EG ATEX)

9.2. Other information

No information available.

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

No information available.

10.2. Chemical stability

No information available.

**10.3. Possibility of hazardous reactions**

Reactions with acids, alkalies and oxidising agents.

10.4. Conditions to avoid

Keep away from heat.

10.5. Incompatible materials**Substances to avoid**

Alkali (lye)

Acid

oxidising agent

10.6. Hazardous decomposition products

Carbon monoxide

Carbon dioxide

Toxic gases/vapours

May form propan-2-ol in contact with water / moisture.

Thermal decomposition

Remark No decomposition if used as directed.

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

| | Value/Validation | Species | Method | Remark |
|---------------------------|------------------|---------|--------|--------|
| Skin irritation | irritant | | | |
| Eye irritation | irritant | | | |
| Skin sensitization | non-sensitizing | | | |

Subacute Toxicity - Carcinogenicity

| | Value | Species | Method | Validation |
|------------------------------|-------|---------|--------|---|
| Mutagenicity | | | | No experimental information on genotoxicity in vitro available. |
| Reproduction-Toxicity | | | | No indications of toxic effects were observed in reproduction studies in animals. |
| Carcinogenicity | | | | No indications of carcinogenic effects are available from long-term trials. |

Specific target organ toxicity (single exposure)

May cause drowsiness or dizziness.

Aspiration hazard

May be fatal if swallowed and enters airways.

Experiences made from practice

Vapours may cause dizziness, headaches and tiredness

Inhalation can cause damage to the respiratory tract or lungs.



Irritates eyes and skin.

Additional information

The product is to be handled with the caution usual with chemicals.

Other hazardous properties may not be excluded.

The product has not been tested. The information is derived from the properties of the individual components.

SECTION 12: Ecological information

12.1. Toxicity

No information available.

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects

General regulation

Harmful to aquatic life with long lasting effects.

Do not allow uncontrolled leakage of product into the environment.

Product is not allowed to be discharged into the ground water or aquatic environment.

Product is not allowed to be discharged into aquatic environment, drains or sewage treatment plants.

The ecotoxic effect of the product has not been tested. The information on this is given on the basis of details in the literature.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste code No.

08 04 09*

Name of waste

waste adhesives and sealants containing organic solvents or other hazardous substances

08 04 10

waste adhesives and sealants other than those mentioned in 08 04 09

15 01 04

metallic packaging

15 01 10*

packaging containing residues of or contaminated by hazardous substances

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 2008/98/EC on hazardous waste.

Recommendations for the product

Remove in accordance with local official regulations.

Dispose of as hazardous waste.

Recommendations for packaging

Dispose of according to the local waste regulations.

General information

Assignment to a waste code number / waste identification according to the EWC is to be carried out on a sector or process-specific basis.

**SECTION 14: Transport information**

| | ADR/RID | IMDG | IATA-DGR |
|---|---|--|--|
| 14.1. UN number | 1993 | 1993 | 1993 |
| 14.2. UN proper shipping name | FLAMMABLE LIQUID, N.O.S. (ISOPROPYLALCOHOL, HEPTAN, MISCHUNG) | FLAMMABLE LIQUID, N.O.S. (ISOPROPYLALCOHOL, HEPTANES, MIXTURE) | Flammable liquid, n.o.s. (ISOPROPYLALCOHOL, HEPTANES, MIXTURE) |
| 14.3. Transport hazard class(es) | 3 | 3 | 3 |
| 14.4. Packing group | II | II | II |
| 14.5. Environmental hazards | No | No | No |

14.6. Special precautions for user

Caution: FLAMMABLE LIQUID

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
not applicable**Land and inland navigation transport ADR/RID**

Hazard label(s) 3

tunnel restriction code D/E

Special provisions 640D

Classification code F1

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****VOC standard****VOC content** 98,2 %**VOC value** 756,3 g/L**15.2. Chemical Safety Assessment**

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information**Recommended uses and restrictions**

National and local regulations concerning chemicals shall be observed.

For industrial use only.

Further information

Each user is responsible for the implementation of the national special regulations.

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

Please observe the following disclaimer! --- Our safety data sheets have been compiled according to effective EU-directives, WITHOUT taking into account the special national directives concerning the handling of hazardous substances.

Indication of changes: "!" = Data changed compared with the previous version. Previous version: 8.7

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.



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- H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H361f Suspected of damaging fertility or the unborn child (state specific effect if known) (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).
H373 May cause damage to organs (or state all organs affected, if known) through prolonged or repeated exposure (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).
H411 Toxic to aquatic life with long lasting effects.