

Weicon GmbH

Revision date: 29.11.2009

Revision no.:

1,00

Contact CA-Primer for Polyolefine

7619-0080

**1. Product and Company Identification****Commercial product name**

Contact CA-Primer for Polyolefine

**Further trade names**

12450

**Chemical characterization ( Mixture )**

Preparation of surfactants in heptane.

**Company/undertaking identification****Manufacturer**

Weicon GmbH

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**2. Hazards Identification****Route(s) of Entry**

Skin and eye contact, inhalation and ingestion.

**Signs and Symptoms of Exposure**

WARNING !

Highly flammable

Irritating to skin.

OSHA Hazard Communication: This material is considered hazardous by the OSHA Hazard Communication Standard 29CFR 1910.1200.

Carcinogenicity (NTP): Not listed

Carcinogenicity (IARC): Not listed

Carcinogenicity (OSHA): Not listed

**3. Composition/Information on Ingredients****Hazardous components**

| CAS No.  | Components         | Quantity |
|----------|--------------------|----------|
| 142-82-5 | heptane; n-heptane | >25 %    |

**4. First Aid Measures****General information**

Remove contaminated soaked clothing immediately.

If you feel unwell, seek medical advice.

**After inhalation**

Move to fresh air in case of accidental inhalation of vapours.

In the event of symptoms refer for medical treatment.

**After contact with skin**

Wash off immediately with soap and plenty of water.

Consult a doctor if skin irritation persists.

**After contact with eyes**

Rinse thoroughly with plenty of water, also under the eyelids.

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If eye irritation persists, consult a specialist.

**After ingestion**

Do not induce vomiting.

Call a physician immediately.

Attention. Beware of aspiration danger.

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**5. Fire Fighting Measures**

**Suitable extinguishing media**

Alcohol-resistant foam.

Dry fire-extinguishing substance

Carbon dioxide

Water mist

**Unsuitable extinguishing media**

Full water jet

**Special hazards arising from the chemical**

Fire may produce:

Carbon monoxide and carbon dioxide.

**Protective equipment and precautions for firefighters**

Use breathing apparatus with independent air supply.

**Additional information**

Vapours are heavier than air and spread along ground.

The vapour/air mixture is explosive, even in empty, uncleaned receptacles.

Cool containers at risk with water spray jet.

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**6. Accidental Release Measures**

**Personal precautions**

Avoid contact with skin, eyes and clothing.

In case of insufficient ventilation, wear suitable respiratory equipment.

Ensure adequate ventilation.

Keep away sources of ignition.

**Environmental precautions**

Do not discharge into the drains/surface waters/groundwater.

**Methods for cleaning up/taking up**

Take up with absorbent material (e.g. sand, kieselguhr, acid binder, general-purpose binder, sawdust).

Shovel into suitable container for disposal.

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**7. Handling and Storage**

**Handling**

**Advice on safe handling**

Keep containers tightly closed in a cool, well-ventilated place.

Protect from heat/overheating.

**Advice on protection against fire and explosion**

Do not smoke - volatile.

Keep away from heat and sources of ignition.

Take precautionary measures against static discharges (earthing (grounding) at pouring).

**Storage**

**Requirements for storage rooms and vessels**

Keep container tightly closed in a dry, cool and well-ventilated place.

**Further information on storage conditions**

Keep away from food, drink and animal feeding stuffs.

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**8. Exposure Controls/Personal Protection**

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**Exposure limit values****Exposure limits**

| CAS No.  | Components          | ppm | mg/m <sup>3</sup> | fib/cc | Category  | Origin |
|----------|---------------------|-----|-------------------|--------|-----------|--------|
| 142-82-5 | Heptane (n-Heptane) | 500 | 2000              |        | TWA (8 h) | PEL    |

**Occupational exposure controls**

Ensure adequate ventilation, especially in confined areas.

Pay attention to explosion protection guidelines.

**Protective and hygiene measures**

Do not inhale vapours.

Wash hands before breaks and at the end of workday.

When using, do not eat, drink or smoke.

Avoid contact with skin, eyes and clothing.

Remove and wash contaminated clothes before re-use.

**Respiratory protection**

If ventilation insufficient, wear respiratory protection.

**Hand protection**

Protective gloves resistant to chemicals made off nitrile, Minimum coat thickness 0.4 mm, Permeation resistance (wear duration) approx. 480 minutes, i.e. protective glove <Camatril 735> made by www.kcl.de.

This recommendation refers exclusively to the chemical compatibility and the lab test conforming to EN 374 carried out under lab conditions.

Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

**Eye protection**

Safety goggles with side protection

**Skin protection**

Protective clothing

**9. Physical and Chemical Properties****Appearance**

Form: Liquid  
 Color: Colourless  
 Odor: Solvent-like

**Important health, safety and environmental information**

Test method

**Changes in the physical state**

Boiling point: >95 °C

Flash point: -4 °C

**Explosive properties**

"The product is considered non-explosive; nevertheless explosive vapour/air mixture can be generated."

Lower explosion limits: 1,1 vol. %

Upper explosion limits: 6,7 vol. %

Vapour pressure: approx. 50 hPa  
 (at 20 °C)

Density (at 20 °C): approx. 0,7 g/cm<sup>3</sup>

Water solubility: Immiscible

**Other information**

Ignition temperature: 215 °C

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## 10. Stability and Reactivity

### Stability

Stable

### Conditions to avoid

Vapour/air mixtures are explosive at intensive warming.

Heating can release vapours which can be ignited.

### Materials to avoid

Strong oxidizing agents.

### Hazardous decomposition products

Carbon monoxide and carbon dioxide.

### Possibility of Hazardous Reactions

Will not occur

### Additional information

No decomposition if stored and applied as directed.

No decomposition below 400°C.

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## 11. Toxicological Information

### Acute toxicity

No toxicological data available.

### Corrosive and irritant effects

Inhalation causes headache/nausea.

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## 12. Ecological Information

### Further information

Do not discharge product unmonitored into the environment.

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

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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## 13. Disposal Considerations

### Advice on disposal

Remove in accordance with local official regulations.

Where possible recycling is preferred to disposal.

If recycling is not practicable, dispose of in compliance with local regulations.

### Contaminated packaging

Empty containers should be taken for local recycling, recovery or waste disposal.

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

Packaging that cannot be cleaned should be disposed of like the product.

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## 14. Transport Information

### US DOT 49 CFR 172.101

#### Proper shipping name

Heptanes

ID Number: UN1206

Hazard Class or Division: 3

Packing group: II

Label: 3

### Land transport (ADR/RID)

UN number: 1206

ADR/RID class: 3

Warning plate

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Hazard-no.: 33

Hazard label: 3



ADR/RID packing group: II

**Description of the goods**

Heptanes

**Other applicable information**

Additional label with symbol "fish and tree" according to subsection 5.2.1.8.3. ADR for single packagings and inner packagings with > 5 kg or 5 L, transition period ends 31.12.2010.

**Marine transport**

UN number: 1206

IMDG code: 3

IMDG packing group: II

**Description of the goods**

Heptanes

**Air transport**

UN/ID number: 1206

ICAO/IATA-DGR: 3

Hazard label: 3



ICAO packing group: II

**Description of the goods**

Heptanes

**15. Regulatory Information**

**U.S. Regulations**

**National Inventory TSCA**

All of the components are listed on the TSCA inventory.

**SARA**

To the best of our knowledge this product contains no toxic chemicals subject to the supplier notification requirements of Section 313 of the Superfund Amendments and Reauthorization Act (SARA/EPCRA) and the requirements of 40 CFR Part 372.

**State Regulations**

This product contains max VOC: 97%

**16. Other Information**

**Hazardous Materials Information Label (HMIS)**

Health: 1

Flammability: 3

Physical Hazard: 0

**NFPA Hazard Ratings**

Health: 1

Flammability: 3

Reactivity: 0

Unique Hazard:





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**Other data**

Data of sections 4 to 8, as well as 10 to 12, do not necessarily refer to the use and the regular handling of the product (in this sense consult package leaflet and expert information), but to release of major amounts in case of accidents and irregularities.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

"(n.a. = not applicable; n.d. = not determined)"

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