1. Identification

**Product identifier**
AC 50 - Comp. A

**Recommended use of the chemical and restrictions on use**

- **Use of the substance/mixture**
  - Adhesive mortar for fastening elements A-component (resin)

- **Uses advised against**
  - no restriction

**Details of the supplier of the safety data sheet**

- **Company name:** DeWALT Industrial Tool Co.
- **Street:** 701 East Joppa Road
- **Place:** Towson, MD 21286 USA
- **Telephone:** +1 800-524-3244
- **Telex:** +1 877-871-1965

**Emergency phone number:**
- CHEMTREC: 1-800-424-9300 (within Continental USA)
- CHEMTREC: +1 703 527-3887 (outside USA)

2. Hazard(s) identification

**Classification of the chemical**

- **29 CFR Part 1910.1200**
  - **Hazard categories:**
    - Serious eye damage/eye irritation: Eye Irrit. 2A
    - Respiratory or skin sensitization: Skin Sens. 1

  - **Hazard Statements:**
    - May cause an allergic skin reaction
    - Causes serious eye irritation

**Label elements**

- **29 CFR Part 1910.1200**
  - **Signal word:** Warning
  - **Pictograms:**

**Hazard statements**

- May cause an allergic skin reaction
- Causes serious eye irritation

**Precautionary statements**

- Wear protective gloves/protective clothing/eye protection/face protection.
- If on skin: Wash with plenty of water.
- If skin irritation or rash occurs: Get medical advice/attention.
- Wash contaminated clothing before reuse.
- Dispose of contents/container to to in accordance with local/regional/national/international regulation.

**Hazards not otherwise classified**

- No information available.

3. Composition/information on ingredients

**Mixtures**
Hazardous components

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Components</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>2082-81-7</td>
<td>Tetramethylene dimethacrylate</td>
<td>10 -&lt; 20 %</td>
</tr>
<tr>
<td>25013-15-4</td>
<td>Vinyltoluene</td>
<td>1 -&lt; 10 %</td>
</tr>
<tr>
<td>97-90-5</td>
<td>Ethylene dimethacrylate</td>
<td>1 -&lt; 5 %</td>
</tr>
<tr>
<td>27813-02-1</td>
<td>Methacrylic acid, monoester with propane-1,2-diol</td>
<td>1 -&lt; 5 %</td>
</tr>
<tr>
<td>3077-12-1</td>
<td>N,N-Bis(2-hydroxyethyl)-p-toluidin</td>
<td>1 -&lt; 5 %</td>
</tr>
<tr>
<td>38688-48-3</td>
<td>1,1’-(p-Tolylimino)dipropan-2-ol</td>
<td>0,1 -&lt; 1 %</td>
</tr>
</tbody>
</table>

Further Information

* This mixture includes a fine fraction of crystalline quartz. However, alveolar permeability can be ruled out as the quartz is irreversibly bound into the paste-like component and therefore not freely available. Subsequent drilling, grinding or other treatment can also not result in the free availability of this alveolar permeable quartz. Pursuant to Article 6 of CLP Regulation 1272/2008/EU classification and labelling as SLOT RE 2 is not required.

SVHC Liste (Candidate List of Substances of Very High Concern for authorization): substances are not contained or are below 0,1%.

4. First-aid measures

Description of first aid measures

General information
Take off immediately all contaminated clothing and wash it before reuse.

After inhalation
Provide fresh air. When in doubt or if symptoms are observed, get medical advice.

After contact with skin
After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing and wash it before reuse. Medical treatment necessary.

After contact with eyes
Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist.

After ingestion
Rinse mouth immediately and drink plenty of water.

Most important symptoms and effects, both acute and delayed

Allergic reactions

Indication of any immediate medical attention and special treatment needed
Treat symptomatically.

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media
Extinguishing powder
Water spray jet

Unsuitable extinguishing media
Full water jet

Specific hazards arising from the chemical
Pyrolysis products, toxic
Carbon monoxide.
6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures**
Provide adequate ventilation. Do not breathe gas/fumes/vapor/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

**Environmental precautions**
Do not allow to enter into surface water or drains.

**Methods and material for containment and cleaning up**
Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal.

**Reference to other sections**
Safe handling: see section 7
Personal protection equipment: see section 8
Disposal: see section 13

7. Handling and storage

**Precautions for safe handling**

**Advice on safe handling**
Use only outdoors or in a well-ventilated area.
When using do not eat, drink or smoke.
Wash hands before breaks and after work.

**Advice on protection against fire and explosion**
No special fire protection measures are necessary.

**Conditions for safe storage, including any incompatibilities**

**Requirements for storage rooms and vessels**
Keep container tightly closed.
Keep only in the original container in a cool, well-ventilated place.

**Advice on storage compatibility**
Do not use for products which come into contact with the food stuffs.

**Further information on storage conditions**
storage temperature: 5 - 25°C (41-77 F)

8. Exposure controls/personal protection

**Control parameters**
Exposure limits

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Substance</th>
<th>ppm</th>
<th>mg/m³</th>
<th>f/cc</th>
<th>Category</th>
<th>Origin</th>
</tr>
</thead>
<tbody>
<tr>
<td>14808-60-7</td>
<td>Silica, crystalline (as respirable dust)</td>
<td>-</td>
<td>0.05</td>
<td></td>
<td>TWA (8 h)</td>
<td>REL</td>
</tr>
<tr>
<td>14808-60-7</td>
<td>Silica, crystalline - alpha-quartz (respirable</td>
<td>0.025</td>
<td></td>
<td></td>
<td>TWA (8 h)</td>
<td>ACGIH-2016</td>
</tr>
<tr>
<td></td>
<td>fraction)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14808-60-7</td>
<td>Silica, crystalline quartz, respirable dust</td>
<td>(Z-3)</td>
<td>(Z-3)</td>
<td></td>
<td>TWA (8 h)</td>
<td>PEL</td>
</tr>
<tr>
<td>25013-15-4</td>
<td>Vinyl toluene</td>
<td>100</td>
<td>480</td>
<td></td>
<td>TWA (8 h)</td>
<td>REL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>100</td>
<td>480</td>
<td></td>
<td>TWA (8 h)</td>
<td>ACGIH-2016</td>
</tr>
<tr>
<td></td>
<td></td>
<td>50</td>
<td></td>
<td></td>
<td>TWA (8 h)</td>
<td>ACGIH-2016</td>
</tr>
<tr>
<td></td>
<td></td>
<td>100</td>
<td></td>
<td></td>
<td>STEL (15 min)</td>
<td></td>
</tr>
</tbody>
</table>

Exposure controls

Protective and hygiene measures
Remove contaminated, saturated clothing immediately. Draw up and observe skin protection program. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat or drink.

Eye/face protection
Wear eye/face protection.

Hand protection
When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Skin protection
Wear suitable protective clothing.

Respiratory protection
In case of inadequate ventilation wear respiratory protection.

9. Physical and chemical properties

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Test method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Paste</td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>light beige</td>
<td></td>
</tr>
<tr>
<td>pH-Value</td>
<td>not determined</td>
<td></td>
</tr>
<tr>
<td>Changes in the physical state</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>not determined</td>
<td></td>
</tr>
<tr>
<td>Initial boiling point and boiling range</td>
<td>not determined</td>
<td></td>
</tr>
<tr>
<td>Flash point</td>
<td>not applicable</td>
<td></td>
</tr>
<tr>
<td>Flammability</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Solid</td>
<td>not determined</td>
<td></td>
</tr>
<tr>
<td>Gas</td>
<td>not applicable</td>
<td></td>
</tr>
</tbody>
</table>
Lower explosion limits: not determined
Upper explosion limits: not determined

**Auto-ignition temperature**
- Solid: not determined
- Gas: not applicable

Decomposition temperature: not determined

**Oxidizing properties**
Not oxidizing.

Vapor pressure: not determined
Density: not determined
Water solubility: insoluble

**Solubility in other solvents**
not determined
Partition coefficient: not determined
Vapor density: not determined
Evaporation rate: not determined

**Other information**
Solid content: not determined

### 10. Stability and reactivity

**Reactivity**
No hazardous reaction when handled and stored according to provisions.

**Chemical stability**
The product is stable under storage at normal ambient temperatures.

**Possibility of hazardous reactions**
No known hazardous reactions.

**Conditions to avoid**
none

**Incompatible materials**
No information available.

**Hazardous decomposition products**
No known hazardous decomposition products.

### 11. Toxicological information

**Information on toxicological effects**
# Acute toxicity

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No</th>
<th>Route</th>
<th>Dose</th>
<th>Species</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>2082-81-7</td>
<td>tetramethylene dimethacrylate</td>
<td>oral</td>
<td>LD50</td>
<td>&gt;5000 mg/kg</td>
<td>Rat</td>
</tr>
<tr>
<td></td>
<td></td>
<td>dermal</td>
<td>LD50</td>
<td>&gt;3000 mg/kg</td>
<td>Rabbit</td>
</tr>
<tr>
<td>25013-15-4</td>
<td>Vinyltoluene</td>
<td>oral</td>
<td>LD50 mg/kg</td>
<td>2000-5000</td>
<td>Rat</td>
</tr>
<tr>
<td></td>
<td></td>
<td>dermal</td>
<td>LD50 mg/kg</td>
<td>2000-5000</td>
<td>Rabbit</td>
</tr>
<tr>
<td></td>
<td></td>
<td>inhalative vapour</td>
<td>LC50</td>
<td>17.8 mg/l</td>
<td>Rat</td>
</tr>
<tr>
<td></td>
<td></td>
<td>inhalative aerosol</td>
<td>ATE</td>
<td>1.5 mg/l</td>
<td></td>
</tr>
<tr>
<td>27813-02-1</td>
<td>Methacrylic acid, monoester with propane-1,2-diol</td>
<td>oral</td>
<td>LD50</td>
<td>11200 mg/kg</td>
<td>Rat</td>
</tr>
<tr>
<td></td>
<td></td>
<td>dermal</td>
<td>LD50</td>
<td>&gt; 5000 mg/kg</td>
<td>Rabbit</td>
</tr>
<tr>
<td>3077-12-1</td>
<td>N,N-Bis(2-hydroxyethyl)-p-toluidin</td>
<td>oral</td>
<td>LD50</td>
<td>&gt; 300 mg/kg</td>
<td>Rat</td>
</tr>
<tr>
<td>38668-48-3</td>
<td>1,1´-(p-Tolylimino)dipropan-2-ol</td>
<td>oral</td>
<td>LD50</td>
<td>27.5 mg/kg</td>
<td>Rat</td>
</tr>
</tbody>
</table>

This mixture is classified as hazardous according to regulation (EC) No. 1272/2008 [CLP].

Further information

The toxicity data listed pertaining to the ingredients are intended for those working in the medicinal professions, experts for occupational health and safety and toxicologists. The toxicity data pertaining to the ingredients were supplied by the manufacturers of raw materials.

## 12. Ecological information

### Ecotoxicity

The product is not: Ecotoxic.

### Persistence and degradability

The product has not been tested.

### Bioaccumulative potential

The product has not been tested.

### Mobility in soil

The product has not been tested.

### Other adverse effects

No information available.

Further information

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

## 13. Disposal considerations

### Waste treatment methods
Advice on disposal
Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

Contaminated packaging
Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

14. Transport information

US DOT 49 CFR 172.101

Proper shipping name: Not a hazardous material with respect to these transport regulations.

Marine transport (IMDG)

UN number: No dangerous good in sense of this transport regulation.

UN proper shipping name: No dangerous good in sense of this transport regulation.

Transport hazard class(es): No dangerous good in sense of this transport regulation.

Packing group: No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

UN number: No dangerous good in sense of this transport regulation.

UN proper shipping name: No dangerous good in sense of this transport regulation.

Transport hazard class(es): No dangerous good in sense of this transport regulation.

Packing group: No dangerous good in sense of this transport regulation.

Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

Special precautions for user
No information available.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
not applicable

15. Regulatory information

U.S. Regulations

National regulatory information
SARA Section 311/312 Hazards:
tetramethylene dimethacrylate (2082-81-7): Immediate (acute) health hazard
Vinyltoluene (25013-15-4): Fire hazard, Immediate (acute) health hazard
ethylene dimethacrylate (97-90-5): Immediate (acute) health hazard
Methacrylic acid, monoester with propane-1,2-diol (27813-02-1): Immediate (acute) health hazard
N,N-Bis(2-hydroxyethyl)-p-toluidin (3077-12-1): Immediate (acute) health hazard
1,1’-(p-Tolylimino)dipropan-2-ol (38668-48-3): Immediate (acute) health hazard

State Regulations
Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65, State of California)
This product contains no chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

16. Other information

Hazardous Materials Information Label (HMIS)
Health: 2
Flammability: 2
Personal Protection:  X

NFPA Hazard Ratings

Health:  2
Flammability:  2
Reactivity:  1
Unique Hazard:  -

Changes

Revision date:  25.05.2016
Revision No:  1,01,2

This data sheet contains changes from the previous version in section(s): 6,7,8,16.

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service
LC50: Lethal concentration, 50%
LD50: Lethal dose, 50%

Other data

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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

**Product identifier**
AC 50 - Comp. B

**Recommended use of the chemical and restrictions on use**

<table>
<thead>
<tr>
<th>Use of the substance/mixture</th>
<th>no restriction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compound mortar B-component (hardener)</td>
<td></td>
</tr>
</tbody>
</table>

**Details of the supplier of the safety data sheet**

<table>
<thead>
<tr>
<th>Company name:</th>
<th>DeWALT Industrial Tool Co.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Street:</td>
<td>701 East Joppa Road</td>
</tr>
<tr>
<td>Place:</td>
<td>Towson, MD 21286 USA</td>
</tr>
<tr>
<td>Telephone:</td>
<td>+1 800-524-3244</td>
</tr>
<tr>
<td>Telefax:</td>
<td>+1 877-871-1965</td>
</tr>
<tr>
<td>Emergency phone number:</td>
<td>CHEMTREC: 1-800-424-9300 (within Continental USA)</td>
</tr>
<tr>
<td></td>
<td>CHEMTREC: +1 703 527-3887 (outside USA)</td>
</tr>
</tbody>
</table>

### 2. Hazard(s) identification

**Classification of the chemical**

29 CFR Part 1910.1200

<table>
<thead>
<tr>
<th>Hazard categories:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Serious eye damage/eye irritation: Eye Irrit. 2A</td>
</tr>
<tr>
<td>Respiratory or skin sensitization: Skin Sens. 1</td>
</tr>
<tr>
<td>Specific target organ toxicity repeated or prolonged exposure: STOT RE 1</td>
</tr>
<tr>
<td>Hazard Statements:</td>
</tr>
<tr>
<td>Causes serious eye irritation</td>
</tr>
<tr>
<td>May cause an allergic skin reaction</td>
</tr>
</tbody>
</table>

**Label elements**

29 CFR Part 1910.1200

<table>
<thead>
<tr>
<th>Signal word:</th>
<th>Warning</th>
</tr>
</thead>
</table>

**Pictograms:**

![Warning pictogram]

**Hazard statements**

- Causes serious eye irritation
- May cause an allergic skin reaction

**Precautionary statements**

- Avoid breathing dust/fume/gas/mist/vapors/spray.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Wash contaminated clothing before reuse.
- Dispose of contents/container to to in accordance with local/regional/national/international regulation.

**Hazards not otherwise classified**

This substance meets the PBT criteria of REACH, annex XIII.

### 3. Composition/information on ingredients

**Mixtures**

Revision No: 1.02.2 - Replaces version: 1.01  USA - EN  Revision date: 25.05.2016
Hazardous components

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Components</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>94-36-0</td>
<td>dibenzoyl peroxide; benzoyl peroxide</td>
<td>1-20 %</td>
</tr>
<tr>
<td></td>
<td>Reaction mass of Diethylene glycole dibenzoate, Dipropylene glycole dibenzoate</td>
<td>1-5 %</td>
</tr>
<tr>
<td>5444-75-7</td>
<td>2-Ethylhexyl benzoate</td>
<td>1-5 %</td>
</tr>
<tr>
<td>14808-60-7</td>
<td>Quartz (&lt; 10µm) *</td>
<td>1-5 %</td>
</tr>
</tbody>
</table>

**Further Information**

* This mixture includes a fine fraction of crystalline quartz. However, alveolar permeability can be ruled out as the quartz is irreversibly bound into the paste-like component and therefore not freely available. Subsequent drilling, grinding or other treatment can also not result in the free availability of this alveolar permeable quartz.

Pursuant to Article 6 of CLP Regulation 1272/2008/EU classification and labelling as SLOT RE 2 is not required.

SVHC Liste (Candidate List of Substances of Very High Concern for authorization): substances are not contained or are below 0,1%.

4. First-aid measures

**Description of first aid measures**

**General information**

Change contaminated, saturated clothing.

**After inhalation**

Provide fresh air. When in doubt or if symptoms are observed, get medical advice.

**After contact with skin**

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing and wash it before reuse. Medical treatment necessary.

**After contact with eyes**

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

**After ingestion**

Rinse mouth immediately and drink plenty of water.

**Most important symptoms and effects, both acute and delayed**

Allergic reactions.

**Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

5. Fire-fighting measures

**Extinguishing media**

**Suitable extinguishing media**

Co-ordinate fire-fighting measures to the fire surroundings.

Extinguishing powder

Water spray jet

**Unsuitable extinguishing media**

Full water jet

**Specific hazards arising from the chemical**

Pyrolysis products, toxic

Carbon monoxide.
Special protective equipment and precautions for fire-fighters

In case of fire and/or explosion do not breathe fumes.
Wear a self-contained breathing apparatus and chemical protective clothing.

Additional information
Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation.
Use personal protection equipment.
Special danger of slipping by leaking/spilling product.

Environmental precautions
Do not allow to enter into surface water or drains.
In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Methods and material for containment and cleaning up
Take up mechanically.
Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
Treat the recovered material as prescribed in the section on waste disposal.

Reference to other sections
Safe handling: see section 7
Personal protection equipment: see section 8
Disposal: see section 13

7. Handling and storage

Precautions for safe handling

Advice on safe handling
Use only outdoors or in a well-ventilated area.
When using do not eat, drink or smoke.
Use protective skin cream before handling the product.

Advice on protection against fire and explosion
No special fire protection measures are necessary.

Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels
Keep container tightly closed.
Keep/Store only in original container.

Advice on storage compatibility
Do not use for products which come into contact with the food stuffs.
Store in a well-ventilated place. Keep cool.

Further information on storage conditions
Keep container tightly closed in a cool place.
storage temperature 5-25°C (41-77 F)

8. Exposure controls/personal protection

Control parameters
Exposure limits

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Substance</th>
<th>ppm</th>
<th>mg/m³</th>
<th>f/cc</th>
<th>Category</th>
<th>Origin</th>
</tr>
</thead>
<tbody>
<tr>
<td>94-36-0</td>
<td>Benzoyl peroxide</td>
<td>-</td>
<td>5</td>
<td>-</td>
<td>TWA (8 h)</td>
<td>PEL</td>
</tr>
<tr>
<td>94-36-0</td>
<td></td>
<td>-</td>
<td>5</td>
<td>-</td>
<td>TWA (8 h)</td>
<td>REL</td>
</tr>
<tr>
<td>14808-60-7</td>
<td>Silica, crystalline (as respirable dust)</td>
<td>-</td>
<td>0.05</td>
<td>5</td>
<td>TWA (8 h)</td>
<td>ACGIH-2016</td>
</tr>
<tr>
<td>14808-60-7</td>
<td>Silica, crystalline - alpha-quartz (respirable</td>
<td></td>
<td></td>
<td>0.025</td>
<td>TWA (8 h)</td>
<td>REL</td>
</tr>
<tr>
<td></td>
<td>fraction)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14808-60-7</td>
<td>Silica, crystalline quartz, respirable dust (Z-3)</td>
<td>(Z-3)</td>
<td></td>
<td>(Z-3)</td>
<td>TWA (8 h)</td>
<td>PEL</td>
</tr>
<tr>
<td>14808-60-7</td>
<td>Silica, crystalline quartz, total dust</td>
<td>-</td>
<td>(Z-3)</td>
<td>-</td>
<td>TWA (8 h)</td>
<td>PEL</td>
</tr>
</tbody>
</table>

Exposure controls

Protective and hygiene measures
Remove contaminated, saturated clothing immediately. Draw up and observe skin protection program. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat or drink.

Eye/face protection
Suitable eye protection: Wear eye/face protection.

Hand protection
When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Wearing time with occasional contact (splashes): 0.4mm NBR (Nitrile rubber) >480min (EN 374)
Wearing time with permanent contact 0.5mm NBR (Nitrile rubber) >480min (EN 374)

Skin protection
Wear suitable protective clothing.

Respiratory protection
In case of inadequate ventilation wear respiratory protection.

9. Physical and chemical properties

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Physical state:</th>
<th>Paste</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color:</td>
<td>black</td>
</tr>
<tr>
<td>Odor:</td>
<td>characteristic</td>
</tr>
</tbody>
</table>

Test method

pH-Value: not applicable

Changes in the physical state
Melting point/freezing point: not determined
Initial boiling point and boiling range: not determined
Safety Data Sheet

AC 50 - Comp. B

Print date: 27.09.2016
Product code: SDB0020US

Flash point: not applicable

Flammability

Solid: not determined
Gas: not applicable

Lower explosion limits: not determined
Upper explosion limits: not determined

Auto-ignition temperature

Solid: not determined
Gas: not applicable

Decomposition temperature: not determined

Oxidizing properties

Not oxidizing.
Available oxygen content (%) < 1%
no classification

Vapor pressure: not determined
Density (at 20 °C): 1.59 g/cm³
Water solubility: insoluble

Solubility in other solvents

not determined

Partition coefficient: not determined
Vapor density: not determined
Evaporation rate: not determined

Other information

Solid content: not determined

10. Stability and reactivity

Reactivity
see section 10.3

Chemical stability
The product is stable under storage at normal ambient temperatures.

Possibility of hazardous reactions
Violent reaction with: Oxidising agent

Conditions to avoid
see section 7.2

Incompatible materials
Oxidizing agent, strong

Hazardous decomposition products
No known hazardous decomposition products.

11. Toxicological information

Information on toxicological effects
Acute toxicity

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Components</th>
<th>Exposure route</th>
<th>Dose</th>
<th>Species</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>5444-75-7</td>
<td>2-Ethylhexyl benzoate</td>
<td>oral</td>
<td>LD50</td>
<td>&gt; 2000 mg/kg</td>
<td>Rat</td>
</tr>
</tbody>
</table>

Additional information on tests
This mixture is classified as hazardous according to regulation (EC) No. 1272/2008 [CLP].

12. Ecological information

Ecotoxicity
The product is not: Ecotoxic.

Persistence and degradability
The product has not been tested.

Bioaccumulative potential
The product has not been tested.

Mobility in soil
The product has not been tested.

Other adverse effects
No information available.

Further information
Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

13. Disposal considerations

Waste treatment methods

Advice on disposal
Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

Contaminated packaging
Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

14. Transport information

US DOT 49 CFR 172.101

Proper shipping name:
Not a hazardous material with respect to these transport regulations.

Marine transport (IMDG)

UN number:
No dangerous good in sense of this transport regulation.

UN proper shipping name:
No dangerous good in sense of this transport regulation.

Transport hazard class(es):
No dangerous good in sense of this transport regulation.

Packing group:

Air transport (ICAO-TI/ATA-DGR)

UN number:
No dangerous good in sense of this transport regulation.

UN proper shipping name:
No dangerous good in sense of this transport regulation.

Transport hazard class(es):
No dangerous good in sense of this transport regulation.

Packing group:
Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

Special precautions for user

No information available.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

not applicable

15. Regulatory information

U.S. Regulations

National regulatory information

SARA Section 311/312 Hazards:
  Benzoyl peroxide (94-36-0): Reactive, Immediate (acute) health hazard
  Quartz (< 10µm) * (14808-60-7): Delayed (chronic) health hazard

SARA Section 313 Toxic release inventory:
  Benzoyl peroxide (94-36-0): De minimis limit = 1.0 %, Reportable threshold = Standard

State Regulations

Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65, State of California)
  This product contains no chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

16. Other information

Hazardous Materials Information Label (HMIS)

  Health: 2
  Flammability: 2
  Physical Hazard: 1
  Personal Protection: X

NFPA Hazard Ratings

  Health: 2
  Flammability: 2
  Reactivity: 1
  Unique Hazard: -

Changes

Revision date: 25.05.2016
Revision No: 1.02.2

This data sheet contains changes from the previous version in section(s): 7,8,10.

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service
LC50: Lethal concentration, 50%
LD50: Lethal dose, 50%

Other data

The above information describes exclusively the safety requirements of the product and is based on our
present-day knowledge. The information is intended to give you advice about the safe handling of the product
named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be
transferred to other products. In the case of mixing the product with other products or in the case of
processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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