1. Identification

Product identifier
AC 50 - Comp. A

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

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

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
Telefax: +1 877-871-1965

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

2. Hazard identification

Classification of the substance or mixture

WHMIS 2015
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

WHMIS 2015
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.

Other hazards
No information available.

3. Composition/information on ingredients

Mixtures
Hazardous components

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>2082-81-7</td>
<td>tetramethylene dimethacrylate</td>
<td>10 - 20 %</td>
</tr>
<tr>
<td>25013-15-4</td>
<td>Vinyltoluene</td>
<td>1 - 10 %</td>
</tr>
<tr>
<td>97-90-5</td>
<td>ethylene dimethacrylate</td>
<td>1 - 5 %</td>
</tr>
<tr>
<td>27813-02-1</td>
<td>Methacrylic acid, monoester with propane-1,2-diol</td>
<td>1 - 5 %</td>
</tr>
<tr>
<td>3077-12-1</td>
<td>N,N-Bis(2-hydroxyethyl)-p-toluidin</td>
<td>1 - 5 %</td>
</tr>
<tr>
<td>38668-48-3</td>
<td>1,1´-(p-Tolylimino)dipropan-2-ol</td>
<td>&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 authorisation): 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.

Indication of 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 hazardous product**
- 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**
Suppress gases/vapours/mists with water spray jet. 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. Do not breathe gas/fumes/vapour/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

### 8. Exposure controls/Personal protection

**Control parameters**

**Exposure limits (ACGIH)**

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
<th>ppm</th>
<th>mg/m³</th>
<th>F/ml</th>
<th>Category</th>
<th>Origin</th>
</tr>
</thead>
<tbody>
<tr>
<td>14808-60-7</td>
<td>Silica, crystalline - alpha-quartz (respirable fraction)</td>
<td>0.025</td>
<td></td>
<td></td>
<td>TWA (8 h)</td>
<td>ACGIH-2016</td>
</tr>
<tr>
<td>25013-15-4</td>
<td>Vinyl toluene</td>
<td>50</td>
<td>100</td>
<td></td>
<td>TWA (8 h)</td>
<td>ACGIH-2016</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>STEL (15 min)</td>
<td>ACGIH-2016</td>
</tr>
</tbody>
</table>

**Exposure controls**
Protective and hygiene measures
Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme. 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>Physical state:</th>
<th>Paste</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour:</td>
<td>light beige</td>
</tr>
</tbody>
</table>

Test method

pH-Value: not determined

Changes in the physical state

<table>
<thead>
<tr>
<th>Melting point:</th>
<th>not determined</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initial boiling point</td>
<td>not determined</td>
</tr>
<tr>
<td>and boiling range:</td>
<td></td>
</tr>
<tr>
<td>Flash point:</td>
<td>not applicable</td>
</tr>
</tbody>
</table>

Flammability

| Solid:                 | not determined               |
| Gas:                   | not applicable               |

| Lower explosive limits:| not determined               |
| Upper explosive limits:| not determined               |

Auto-ignition temperature

| Solid:                 | not determined               |
| Gas:                   | not applicable               |

| Decomposition temperature:| not determined               |

Oxidizing properties

Not oxidizing.

| Vapour pressure:       | not determined               |
| Density:               | not determined               |
| Water solubility:      | insoluble                     |
### 10. Stability and reactivity

#### 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>CAS No</th>
<th>Chemical name</th>
<th>Route of exposure</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</td>
<td>2000-5000 mg/kg</td>
<td>Rat</td>
</tr>
<tr>
<td></td>
<td></td>
<td>dermal</td>
<td>LD50</td>
<td>2000-5000 mg/kg</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>

**Additional information on tests**

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,
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

Canadian TDG
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.
United Nations 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.
United Nations 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

15. Regulatory information
16. Other information

Further Information
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

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

Use of the substance/mixture
compound mortar B-component (hardener)

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 Telefax: +1 877-871-1965

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

2. Hazard identification

Classification of the substance or mixture

WHMIS 2015
Hazard categories:
Serious eye damage/eye irritation: Eye Irrit. 2A
Respiratory or skin sensitization: Skin Sens. 1
Hazard Statements:
Causes serious eye irritation.
May cause an allergic skin reaction.

Label elements

WHMIS 2015
Signal word: Warning
Pictograms:

Hazard statements
Causes serious eye irritation.
May cause an allergic skin reaction.

Precautionary statements
Avoid breathing dust/fume/gas/mist/vapours/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.

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

3. Composition/information on ingredients

Mixtures
Hazardous components

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</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 authorisation): 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.

Indication of 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 hazardous product
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

8. Exposure controls/Personal protection

Control parameters

Exposure limits (ACGIH)

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
<th>ppm</th>
<th>mg/m³</th>
<th>F/ml</th>
<th>Category</th>
<th>Origin</th>
</tr>
</thead>
<tbody>
<tr>
<td>94-36-0</td>
<td>Benzoyl peroxide</td>
<td></td>
<td></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 fraction)</td>
<td></td>
<td></td>
<td>0.025</td>
<td>TWA (8 h)</td>
<td>ACGIH-2016</td>
</tr>
</tbody>
</table>
Exposure controls

Protective and hygiene measures
Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme. 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.

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>Colour:</td>
<td>black</td>
</tr>
<tr>
<td>Odour:</td>
<td>characteristic</td>
</tr>
</tbody>
</table>

Test method

Changes in the physical state

<table>
<thead>
<tr>
<th>Melting point:</th>
<th>not determined</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initial boiling point and boiling range:</td>
<td>not determined</td>
</tr>
<tr>
<td>Flash point:</td>
<td>not applicable</td>
</tr>
</tbody>
</table>

Flammability

<table>
<thead>
<tr>
<th>Solid:</th>
<th>not determined</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gas:</td>
<td>not applicable</td>
</tr>
</tbody>
</table>

| Lower explosive limits: | not determined |
| Upper explosive limits: | not determined |

Auto-ignition temperature

<table>
<thead>
<tr>
<th>Solid:</th>
<th>not determined</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gas:</td>
<td>not applicable</td>
</tr>
</tbody>
</table>

Decomposition temperature: not determined

Oxidizing properties

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

AC 50 - Comp. B

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

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

Other information
Solid content: not determined

10. Stability and reactivity

Conditions to avoid
see section 7.2

Incompatible materials
Oxidising 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>Chemical name</th>
<th>Route of exposure</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

Canadian TDG

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.
United Nations 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.
United Nations 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

15. Regulatory information

Canadian regulations

DSL/NDISL inventory status pending
National Pollutant Release Inventory (NPRI) not applicable
WHMIS classification May cause an allergic skin reaction

Provincial regulations

HPR-Hazardous Product Regulations (SOR/2015-17); WHMIS 2015

16. Other information

Changes
This data sheet contains changes from the previous version in section(s): 15.

Further Information
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.)