

## Safety Data Sheet

according to WHMIS

### AC 50 - Comp. A

Print date: 27.09.2016

Product code: SDB0034CA

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## 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

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#### Hazardous components

CAS No	Chemical name	Quantity
2082-81-7	tetramethylene dimethacrylate	10 - 20 %
25013-15-4	Vinyltoluene	1 - 10 %
97-90-5	ethylene dimethacrylate	1 - 5 %
27813-02-1	Methacrylic acid, monoester with propane-1,2-diol	1 - 5 %
3077-12-1	N,N-Bis(2-hydroxyethyl)-p-toluidin	1 - 5 %
38668-48-3	1,1'-(p-Tolylimino)dipropan-2-ol	< 1 %

#### 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.

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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)

CAS No	Chemical name	ppm	mg/m <sup>3</sup>	F/ml	Category	Origin
14808-60-7	Silica, crystalline - alpha-quartz (respirable fraction)		0.025		TWA (8 h)	ACGIH-2016
25013-15-4	Vinyl toluene	50			TWA (8 h)	ACGIH-2016
		100			STEL (15 min)	ACGIH-2016

#### Exposure controls

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**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**

Physical state: Paste  
Colour: light beige

**Test method**

pH-Value: not determined

**Changes in the physical state**

Melting point: not determined

Initial boiling point and boiling range: not determined

Flash point: not applicable

**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

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#### 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

none

#### Incompatible materials

No information available.

#### Hazardous decomposition products

No known hazardous decomposition products.

## 11. Toxicological information

#### Information on toxicological effects

##### Acute toxicity

CAS No	Chemical name	Route of exposure	Dose	Species	Source
2082-81-7	tetramethylene dimethacrylate	oral	LD50 >5000 mg/kg	Rat	
		dermal	LD50 >3000 mg/kg	Rabbit	
25013-15-4	Vinyltoluene	oral	LD50 2000-5000 mg/kg	Rat	
		dermal	LD50 2000-5000 mg/kg	Rabbit	
		inhalative vapour	LC50 17,8 mg/l	Rat	
		inhalative aerosol	ATE 1,5 mg/l		
27813-02-1	Methacrylic acid, monoester with propane-1,2-diol	oral	LD50 11200 mg/kg	Rat	
		dermal	LD50 > 5000 mg/kg	Rabbit	
3077-12-1	N,N-Bis(2-hydroxyethyl)-p-toluidin	oral	LD50 > 300 mg/kg	Rat	
38668-48-3	1,1'-(p-Tolylimino)dipropan-2-ol	oral	LD50 27,5 mg/kg	Rat	

#### 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,



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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

### 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



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#### Canadian regulations

**DSL/NDSL inventory status**

pending

**National Pollutant Release Inventory (NPRI)**

not applicable

**WHMIS classification**

May cause an allergic skin reaction

Causes serious eye irritation

#### Provincial regulations

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

### 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.)*

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## 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



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### Hazardous components

CAS No	Chemical name	Quantity
94-36-0	dibenzoyl peroxide; benzoyl peroxide	1 - 20 %
	Reaction mass of Diethylene glycole dibenzoate, Dipropylene glycole dibenzoate and Triethylene glycol dibenzoate	1 - 5 %
5444-75-7	2-Ethylhexyl benzoate	1 - 5 %
14808-60-7	Quartz (< 10µm) *	1 - 5 %

### 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.



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#### 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)

CAS No	Chemical name	ppm	mg/m <sup>3</sup>	F/ml	Category	Origin
94-36-0	Benzoyl peroxide		5		TWA (8 h)	ACGIH-2016
14808-60-7	Silica, crystalline - alpha-quartz (respirable fraction)		0.025		TWA (8 h)	ACGIH-2016

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**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**

Physical state: Paste  
Colour: black  
Odour: characteristic

pH-Value: not applicable

**Changes in the physical state**

Melting point: not determined

Initial boiling point and boiling range: not determined

Flash point: not applicable

**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.

Available oxygen content (%) < 1%  
no classification

**Test method**

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Vapour pressure: not determined

Density (at 20 °C): 1,59 g/cm<sup>3</sup>

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**

CAS No	Chemical name			
	Route of exposure	Dose	Species	Source
5444-75-7	2-Ethylhexyl benzoate			
	oral	LD50 > 2000 mg/kg	Rat	

**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.

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## 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/NDSL 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



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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.)*