1. Identification

Product identifier
PE 1000+, 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)

Uses advised against
no restriction

Details of the supplier of the safety data sheet

Company name: Stanley Black & Decker Canada Corp.
Street: 6275 Millcreek Drive
Place: Mississauga, ON L5N 7K6, Canada
Telephone: +1 800 524 3244
Telefax: +1 877 871 1965

Emergency telephone number:
CHEMTREC USA: +1 800 424 9300 (24/7)
CHEMTREC International: +1 703 527 3887 (24/7)

2. Hazard identification

Classification of the substance or mixture

WHMIS 2015
Skin corrosion/irritation: Skin Irrit. 2
Serious eye damage/eye irritation: Eye Irrit. 2
Respiratory or skin sensitization: Skin Sens. 1

Label elements

WHMIS 2015
Signal word: Warning
Pictograms:

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

Precautionary statements
Avoid release to the environment.
Wear protective gloves/protective clothing/eye protection/face protection.
IF ON SKIN: Wash with plenty of water.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If skin irritation or rash occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
Wash contaminated clothing before reuse.
Dispose of contents/container in accordance with local/regional/national/international regulation.

Other hazards
People who are allergic to epoxide should avoid the use of the product.

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>1675-54-3</td>
<td>2,2-Bis(4-glycidyloxyphenyl)propane</td>
<td>25 - 50 %</td>
</tr>
<tr>
<td>9003-36-5</td>
<td>Bisphenol-F-epichlorohydrin resin MW &lt;= 700</td>
<td>10 - 20 %</td>
</tr>
<tr>
<td>16096-31-4</td>
<td>1,6-Bis(2,3-epoxypropoxy)hexane</td>
<td>10 - 20 %</td>
</tr>
<tr>
<td></td>
<td>Alkyl Ester (Ref.: 722 43/00/2012.0028, Germany)</td>
<td>1 - 10 %</td>
</tr>
</tbody>
</table>

Further Information
The actual concentration is withheld as a trade secret.

4. First-aid measures

Description of first aid measures

General information
First aider: Pay attention to self-protection! Take off immediately all contaminated clothing and wash it before reuse. Get medical advice/attention if you feel unwell.

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
In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Remove contact lenses, if present and easy to do. Continue rinsing.

After ingestion
Do NOT induce vomiting. Rinse mouth thoroughly with water. Medical treatment necessary.

Most important symptoms and effects, whether acute or delayed
Causes skin irritation.
May cause an allergic skin reaction.
Causes serious eye damage.

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

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media
Foam
Extinguishing powder
Water spray jet
Carbon dioxide (CO2)

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
Collect spillage. Take up mechanically, placing in appropriate containers for disposal. Suitable material for taking up: Sand. Treat the recovered material as prescribed in the section on waste disposal. Retain contaminated washing water and dispose it.

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.

Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels
Keep container tightly closed.
Store in a place accessible by authorized persons only.
Keep only in the original container in a cool, well-ventilated place.

Hints on joint storage
Do not store together with: Oxidising agent, strong
Do not use for products which come into contact with the food stuffs.

Further information on storage conditions
storage temperature: 5 - 35°C

8. Exposure controls/Personal protection

Control parameters
Additional advice on limit values
This mixture includes quartz (silica) which is firmly bound in the pasty component, and thus not freely available during use, so that a risk of dust inhalation is excluded.

Exposure controls
Provide adequate ventilation. If local exhaust ventilation is not possible or not sufficient, the entire working area must be ventilated by technical means.

**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 safety glasses.

**Hand protection**
- Wear chemical resistant protective gloves.

**Skin protection**
- Wear suitable protective clothing.

**Respiratory protection**
- Wear respiratory protection if ventilation is inadequate.

### 9. Physical and chemical properties

**Information on basic physical and chemical properties**

- **Physical state:** Paste
- **Colour:** light beige
- **pH-Value:** not determined
- **Changes in the physical state**
  - **Melting point:** not determined
  - **Initial boiling point and boiling range:** not determined
  - **Flash point:** not determined
- **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 oxidising.**
- **Vapour pressure:** not determined
- **Density (at 20 °C):** 1,49 g/cm³
- **Water solubility:** The study does not need to be conducted because the substance is known to be insoluble in water.

**Solubility in other solvents**
- not determined
- **Partition coefficient:** not determined
- **Vapour density:** not determined
- **Evaporation rate:** 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
Violent reaction with: Oxidising agent, strong

Conditions to avoid
none

Incompatible materials
Keep away from: Oxidizing agent

Hazardous decomposition products
No known hazardous decomposition products.

11. Toxicological information

Information on toxicological effects

Acute toxicity
Based on available data, the classification criteria are not met.

<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>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>1675-54-3</td>
<td>2,2-Bis(4-glycidyloxyphenyl)propane</td>
<td>oral</td>
<td>LD50</td>
<td>11400</td>
<td>Rat</td>
<td></td>
</tr>
<tr>
<td>9003-36-5</td>
<td>Bisphenol-F-epichlorohydrin resin MW &lt;= 700</td>
<td>oral</td>
<td>LD50</td>
<td>&gt; 2000</td>
<td>Rat</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>dermal</td>
<td>LD50</td>
<td>&gt; 2000</td>
<td>Rat</td>
<td></td>
</tr>
<tr>
<td>16096-31-4</td>
<td>1,6-Bis(2,3-epoxypropoxy)hexane</td>
<td>oral</td>
<td>LD50</td>
<td>2190</td>
<td>Rat</td>
<td>OECD 401</td>
</tr>
<tr>
<td></td>
<td></td>
<td>dermal</td>
<td>LD50</td>
<td>&gt; 2000</td>
<td>Rat</td>
<td>OECD 402</td>
</tr>
<tr>
<td></td>
<td></td>
<td>inhalation (4 h) vapour</td>
<td>LC50</td>
<td>0,035</td>
<td>Rat</td>
<td></td>
</tr>
</tbody>
</table>

Alkyl Ester (Ref.: 722 43/00/2012.0028, Germany)

<table>
<thead>
<tr>
<th>oral</th>
<th>LD50 mg/kg</th>
<th>Mouse</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>20700</td>
<td></td>
</tr>
<tr>
<td>dermal</td>
<td>LD50 mg/kg</td>
<td>Rabbit</td>
</tr>
<tr>
<td></td>
<td>2000</td>
<td></td>
</tr>
</tbody>
</table>

Irritation and corrosivity
Causes skin irritation.
Causes serious eye irritation.
Sensitizing effects
May cause an allergic skin reaction. (2,2-Bis(4-glycidyloxyphenyl)propane; Bisphenol-F-epichlorohydrin resin
MW <= 700; 1,6-Bis(2,3-epoxypropoxy)hexane)

Carcinogenic/mutagenic/toxic effects for reproduction
Based on available data, the classification criteria are not met.

STOT-single exposure
Based on available data, the classification criteria are not met.

STOT-repeated exposure
Based on available data, the classification criteria are not met.

Aspiration hazard
Based on available data, the classification criteria are not met.

12. Ecological information

Ecotoxicity
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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
UN/ID number: UN 3077
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
(Trimethylolpropane triglycidyl ether, Bisphenol-A/F-Epoxy resin)
Hazard classes: 9
Packing group: III
Hazard label: 9
Limited quantity: 5
Marine transport (IMDG)

**UN number:** UN 3077
**United Nations proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Bisphenol-F-Epoxy resin)
**Transport hazard class(es):** 9
**Packing group:** III
**Hazard label:** 9

**Special Provisions:** 274, 335, 966, 967, 969
**Limited quantity:** 5 kg
**Excepted quantity:** E1
**EmS:** F-A, S-F

**Other applicable information (marine transport)**
No dangerous goods in packaging until 5kg according 2.10.2.7 IMDG-Code

Air transport (ICAO-TI/IATA-DGR)

**UN number:** UN 3077
**United Nations proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Bisphenol-F-Epoxy resin)
**Transport hazard class(es):** 9
**Packing group:** III
**Hazard label:** 9

**Special Provisions:** A97 A158 A179 A197
**Limited quantity Passenger:** 30 kg G
**Passenger LQ:** Y956
**Excepted quantity:** E1

**IATA-packing instructions - Passenger:** 956
**IATA-max. quantity - Passenger:** 400 kg
**IATA-packing instructions - Cargo:** 956
**IATA-max. quantity - Cargo:** 400 kg

**Other applicable information (air transport)**
No dangerous goods in packaging until 5kg according A197 IATA-DGA

**Environmental hazards**
ENVIROMENTALLY HAZARDOUS: yes

### 15. Regulatory information

**Canadian regulations**

**DSL/NDSL inventory status**
All ingredients of this mixture are included on the DSL Inventory.
16. Other information

Changes
This data sheet contains changes from the previous version in section(s): 3.

Abbreviations and acronyms
ACGIH: American Conference of Governmental Industrial Hygienists
ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)
ATE: Estimated average treatment effect
CAS: Chemical Abstracts Service
DSL: Domestic substances list
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulations (DRG) for the air transport (IATA)
ICAO-TI: International Civil Aviation Organization - Technical Instructions for the Safe Transport of Dangerous Goods by Air
IMDG: International Maritime Code for Dangerous Goods
LC50: Lethal concentration, 50%
LD50: Lethal dose, 50%
SIMDUT: Système d'information sur les matières dangereuses utilisées au travail
TDG: Transport of Dangerous Goods
TMD: Transport des marchandises dangereuses
TWA: Time-weighted average
UN number: United Nations number
WHIMS: Workplace Hazardous Materials Information System

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
PE 1000+, Comp. B

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

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

Uses advised against
no restriction

Details of the supplier of the safety data sheet
Company name: Stanley Black & Decker Canada Corp.
Street: 6275 Millcreek Drive
Place: Mississauga, ON L5N 7K6, Canada
Telephone: +1 800 524 3244
Telefax: +1 877 871 1965

Emergency telephone number:
CHEMTREC USA: +1 800 424 9300 (24/7)
CHEMTREC International: +1 703 527 3887 (24/7)

2. Hazard identification

Classification of the substance or mixture

WHMIS 2015
Acute toxicity: Acute Tox. 3 (inhalation)
Acute toxicity: Acute Tox. 4 (oral)
Skin corrosion/irritation: Skin Corr. 1B
Respiratory or skin sensitization: Skin Sens. 1
Germ cell mutagenicity: Muta. 2
Reproductive toxicity: Repr. 1B
Specific target organ toxicity - repeated exposure: STOT RE 2

Label elements
WHMIS 2015
Signal word: Danger

Pictograms:

Hazard statements
Harmful if swallowed.
Causes severe skin burns and eye damage.
May cause an allergic skin reaction.
Suspected of causing genetic defects.
May damage fertility or the unborn child.
May cause damage to organs through prolonged or repeated exposure.

Precautionary statements
Obtain special instructions before use.
Avoid release to the environment.
Wear protective gloves/protective clothing/eye protection/face protection.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a POISON CENTER/doctor.
Store locked up.
Dispose of contents/container in accordance with local/regional/national/international regulation.

**Other hazards**
Contains Amines. May produce an allergic reaction.

# 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>2855-13-2</td>
<td>3-Aminomethyl-3,5,5-trimethylcyclohexylamine</td>
<td>30 - &lt; 40 %</td>
</tr>
<tr>
<td>1950616-36-0</td>
<td>Formaldehyde, oligomeric reaction products with phenol and m-phenylenediamine(methylamine)</td>
<td>15 - &lt; 25 %</td>
</tr>
<tr>
<td>77138-45-5</td>
<td>Formaldehyde, oligomeric reaction products with 4,4'-isopropylidenediphenol and diethylenetriamine</td>
<td>15 - &lt; 25 %</td>
</tr>
<tr>
<td>1477-55-0</td>
<td>m-Phenylenediamine</td>
<td>15 - &lt; 25 %</td>
</tr>
<tr>
<td>90-72-2</td>
<td>2,4,6-Tris(dimethyiaminomethyl)phenol</td>
<td>5 - &lt; 10 %</td>
</tr>
<tr>
<td>100-51-6</td>
<td>Benzyl alcohol</td>
<td>5 - &lt; 10 %</td>
</tr>
<tr>
<td>111-40-0</td>
<td>Diethylenetriamine</td>
<td>5 - &lt; 10 %</td>
</tr>
<tr>
<td>108-95-2</td>
<td>Phenol</td>
<td>1 - &lt; 5 %</td>
</tr>
<tr>
<td>71074-89-0</td>
<td>Bis[(dimethylamino)methyl]phenol</td>
<td>1 - &lt; 5 %</td>
</tr>
<tr>
<td>80-05-7</td>
<td>Bisphenol A</td>
<td>1 - &lt; 5 %</td>
</tr>
</tbody>
</table>

**Further Information**
The actual concentration is withheld as a trade secret.

# 4. First-aid measures

## Description of first aid measures

### General information
First aider: Pay attention to self-protection! Remove affected person from the danger area and lay down. Take off immediately all contaminated clothing and wash it before reuse. Get medical advice/attention if you feel unwell.

### 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 polyethylene glycol, followed by plenty of water. Take off immediately all contaminated clothing and wash it before reuse. Medical treatment necessary.

### After contact with eyes
In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Remove contact lenses, if present and easy to do. Continue rinsing.

### After ingestion
Do NOT induce vomiting. Rinse mouth thoroughly with water. Medical treatment necessary.

## Most important symptoms and effects, whether acute or delayed

Harmful if swallowed.
Causes severe skin burns and eye damage.
May cause an allergic skin reaction.
Suspected of causing genetic defects.
May damage fertility.

## Indication of immediate medical attention and special treatment needed
5. Fire-fighting measures

Extinguishing media
- Suitable extinguishing media
  - Foam
  - Extinguishing powder
  - Water spray jet
  - Carbon dioxide (CO2)
- 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. Full protection suit

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
- Use personal protective equipment as required. Avoid contact with skin, eyes and clothes. Provide adequate ventilation.

Environmental precautions
- Avoid release to the environment. Do not allow to enter into surface water or drains.

Methods and material for containment and cleaning up
- Collect spillage. Take up mechanically, placing in appropriate containers for disposal. Suitable material for taking up: Sand
- Treat the recovered material as prescribed in the section on waste disposal.
- Retain contaminated washing water and dispose it.

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.
  - Wear personal protection equipment (refer to section 8).
  - Avoid contact with skin, eyes and clothes.
  - When using do not eat, drink or smoke.

Conditions for safe storage, including any incompatibilities
- Requirements for storage rooms and vessels
  - Keep container tightly closed.
  - Store in a place accessible by authorized persons only.
  - Keep only in the original container in a cool, well-ventilated place.
Hints on joint storage
Do not store together with: Oxidising agent, strong, Organic peroxides
Do not use for products which come into contact with the food stuffs.

Further information on storage conditions
storage temperature: 5 - 35°C

8. Exposure controls/Personal protection

Control parameters

Additional advice on limit values
To date, no national critical limit values exist.

Exposure controls

Appropriate engineering controls
Provide adequate ventilation. If local exhaust ventilation is not possible or not sufficient, the entire working area must be ventilated by technical means.

Protective and hygiene measures
Take off contaminated clothing and wash it before reuse. Draw up and observe skin protection programme.
Wash hands thoroughly after handling. When using do not eat, drink or smoke. Avoid contact during pregnancy and while nursing.

Eye/face protection
Wear eye protection/face protection.
Wear safety glasses.

Hand protection
Wear chemical resistant protective 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>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Paste</td>
</tr>
<tr>
<td>Colour</td>
<td>black / red</td>
</tr>
<tr>
<td>Odour</td>
<td>characteristic</td>
</tr>
<tr>
<td>pH-Value</td>
<td>not applicable</td>
</tr>
<tr>
<td>Changes in the physical state</td>
<td></td>
</tr>
<tr>
<td>Melting point</td>
<td>not determined</td>
</tr>
<tr>
<td>Initial boiling point and boiling range</td>
<td>not determined</td>
</tr>
<tr>
<td>Flash point</td>
<td>not applicable</td>
</tr>
<tr>
<td>Flammability</td>
<td></td>
</tr>
<tr>
<td>Solid</td>
<td>not determined</td>
</tr>
<tr>
<td>Gas</td>
<td>not applicable</td>
</tr>
<tr>
<td>Lower explosive limits</td>
<td>not determined</td>
</tr>
</tbody>
</table>
### 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**  
Oxidising agent, strong

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

### 11. Toxicological information

**Information on toxicological effects**  

**Acute toxicity**  
Toxic if inhaled.  
Harmful if swallowed.

**ATEmix calculated**  
ATE (oral) 742,1 mg/kg; ATE (inhalation vapour) 5,28 mg/l; ATE (inhalation aerosol) 0,567 mg/l
<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>
<th>Method</th>
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<tbody>
<tr>
<td>2855-13-2</td>
<td>3-Aminomethyl-3,5,5-trimethylcyclohexylamine</td>
<td>oral</td>
<td>LD50</td>
<td>1030</td>
<td>Rat</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>dermal</td>
<td>ATE</td>
<td>1100</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1477-55-0</td>
<td>m-Phenylenebis(methylamine)</td>
<td>oral</td>
<td>LD50</td>
<td>930</td>
<td>Rat</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>dermal</td>
<td>LD50</td>
<td>2000</td>
<td>Rabbit</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>inhalation (1 h)</td>
<td>LC50</td>
<td>3,89</td>
<td>Rat</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>inhalation aerosol</td>
<td>ATE</td>
<td>1,5</td>
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</tr>
<tr>
<td>90-72-2</td>
<td>2,4,6-Tris(dimethylaminomethyl)phenol</td>
<td>oral</td>
<td>ATE</td>
<td>500</td>
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</tr>
<tr>
<td>100-51-6</td>
<td>Benzyl alcohol</td>
<td>oral</td>
<td>LD50</td>
<td>1230</td>
<td>Rat</td>
<td>GESTIS</td>
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<tr>
<td></td>
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<td>inhalation vapour</td>
<td>ATE</td>
<td>11</td>
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<td></td>
</tr>
<tr>
<td></td>
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<td>3000</td>
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**Irritation and corrosivity**
Causes severe skin burns and eye damage.

**Sensitizing effects**
May cause an allergic skin reaction. (3-Aminomethyl-3,5,5-trimethylcyclohexylamine; Formaldehyde, oligomeric reaction products with phenol and m-phenylenebis(methylamine); Formaldehyde, oligomeric reaction products with 4,4’-isopropylidenediphenol and diethylenetriamine; m-Phenylenebis(methylamine); Diethylenetriamine; Bisphenol A)

Carcinogenic/mutagenic/toxic effects for reproduction
- Suspected of causing genetic defects. (Phenol)
- May damage fertility or the unborn child. (Bisphenol A)
- Carcinogenicity: Based on available data, the classification criteria are not met.

STOT-single exposure
- Based on available data, the classification criteria are not met.

STOT-repeated exposure
- May cause damage to organs through prolonged or repeated exposure. (Phenol)

Aspiration hazard
- Based on available data, the classification criteria are not met.

12. Ecological information

Ecotoxicity
- Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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
- This material and its container must be disposed of as hazardous waste. Handle contaminated packages in the same way as the substance itself.

14. Transport information

Canadian TDG
- UN/ID number: UN 3259
- Proper shipping name: AMINES, SOLID, CORROSIVE, N.O.S. (m-phenylenebis(methylamine))
- Hazard classes: 8
- Packing group: II
- Hazard label: 8
- Limited quantity: 1
Marine transport (IMDG)

**UN number:** UN 3259
**United Nations proper shipping name:** AMINES, SOLID, CORROSIVE, N.O.S. (m-phenylenebis(methylamine))
**Transport hazard class(es):** 8
**Packing group:** II
**Hazard label:** 8

**Special Provisions:** 223, 274
**Limited quantity:** 1 kg
**Excepted quantity:** E2
**EmS:** F-A, S-B

Air transport (ICAO-TI/IATA-DGR)

**UN number:** UN 3259
**United Nations proper shipping name:** AMINES, SOLID, CORROSIVE, N.O.S. (m-phenylenebis(methylamine))
**Transport hazard class(es):** 8
**Packing group:** II
**Hazard label:** 8

**Special Provisions:** A3 A803
**Limited quantity Passenger:** 5 kg
**Passenger LQ:** Y844
**Excepted quantity:** E2
**IATA-packing instructions - Passenger:** 859
**IATA-max. quantity - Passenger:** 15 kg
**IATA-packing instructions - Cargo:** 863
**IATA-max. quantity - Cargo:** 50 kg

**Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: no

15. Regulatory information

Canadian regulations

**DSL/NDSL inventory status**
All ingredients of this mixture are included on the DSL Inventory.

16. Other information

**Changes**
This data sheet contains changes from the previous version in section(s): 14.
Abbreviations and acronyms

ACGIH: American Conference of Governmental Industrial Hygienists
ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)
ATE: Estimated average treatment effect
CAS: Chemical Abstracts Service
DSL: Domestic substances list
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulations (DRG) for the air transport (IATA)
ICAO-TI: International Civil Aviation Organization - Technical Instructions for the Safe Transport of Dangerous Goods by Air
IMDG: International Maritime Code for Dangerous Goods
LC50: Lethal concentration, 50%
LD50: Lethal dose, 50%
SIMDUT: Système d'information sur les matières dangereuses utilisées au travail
TDG: Transport of Dangerous Goods
TMD: Transport des marchandises dangereuses
TWA: Time-weighted average
UN number: United Nations number
WHIMS: Workplace Hazardous Materials Information System

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.)