1. Identification

Product identifier
PURE110+, 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
- 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 Corr. 1C
- Respiratory or skin sensitization: Skin Sens. 1
- Reproductive toxicity: Repr. 1B

Label elements

WHMIS 2015
- Signal word: Danger
- Pictograms:

Hazard statements
- Causes severe skin burns and eye damage.
- May cause an allergic skin reaction.
- May damage fertility or the unborn child.

Precautionary statements
- Obtain special instructions before use.
- Do not breathe vapours.
- 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.
- Wash contaminated clothing before reuse.
- Dispose of contents/container in accordance with local/regional/national/international regulation.

Other hazards
- The product is environmentally hazardous. Toxic to aquatic life with long lasting effects.

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>9003-36-5</td>
<td>Bisphenol-F-epichlorohydrin resin MW &lt;= 700</td>
<td>25 - 50 %</td>
</tr>
<tr>
<td>1675-54-3</td>
<td>2,2-Bis(4-glycidyloxyphenyl)propane</td>
<td>10 - 30 %</td>
</tr>
<tr>
<td>28064-14-4</td>
<td>Phenol, polymer with formaldehyde, glycidyl ether</td>
<td>&lt; 20 %</td>
</tr>
<tr>
<td>30499-70-8</td>
<td>1,3-Propanediol, 2-ethyl-2(hydroxymethyl)-, polymer with (chlorormethyl)oxirane</td>
<td>1 - 20 %</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.
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**
Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist.

**After ingestion**
Rinse mouth thoroughly with water. Medical treatment necessary.

**Most important symptoms and effects, whether acute or delayed**
Causes severe skin burns and eye damage.
May cause an allergic skin reaction.
May damage fertility or the unborn child.

**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 use for products which come into contact with the food stuffs.

Further information on storage conditions
Keep container tightly closed in a cool place. Protect from sunlight.
storage temperature: 5 - 30 °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

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**

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 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>light beige</td>
</tr>
<tr>
<td>pH-Value</td>
<td>not determined</td>
</tr>
</tbody>
</table>

#### Changes in the physical state

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<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>
</tbody>
</table>

#### Flammability

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<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>
<tr>
<td>Upper explosive limits</td>
<td>not determined</td>
</tr>
</tbody>
</table>

#### Auto-ignition temperature

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solid</td>
<td>not determined</td>
</tr>
<tr>
<td>Gas</td>
<td>not applicable</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>not determined</td>
</tr>
</tbody>
</table>

#### Oxidizing properties

Not oxidising.

#### Vapour pressure

not determined

#### Density

not determined

#### Bulk density (at 20 °C)

1,33 kg/m³

#### 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
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
Heat. Keep cool. Protect from sunlight.

Incompatible materials
No information available.

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>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>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>30499-70-8</td>
<td>1,3-Propanediol, 2-ethyl-2( hydroxymethyl) -, polymer with (chlorormethyl)oxirane</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>
</tbody>
</table>

Irritation and corrosivity
Causes severe skin burns and eye damage.

Sensitizing effects
May cause an allergic skin reaction. (Bisphenol-F-epichlorohydrin resin MW <= 700; 2,2-Bis(4-glycidyloxyphenyl)propane; 1,3-Propanediol, 2-ethyl-2(hydroxymethyl) -, polymer with (chlorormethyl)oxirane)

Carcinogenic/mutagenic/toxic effects for reproduction
May damage fertility or the unborn child. (1,3-Propanediol, 2-ethyl-2(hydroxymethyl) -, polymer with (chlorormethyl)oxirane)
Germ cell mutagenicity: Based on available data, the classification criteria are not met.
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
Based on available data, the classification criteria are not met.

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

Further information
This mixture is classified as hazardous under WHMIS.

12. Ecological information

Ecotoxicity
Toxic to aquatic life with long lasting effects.

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 1759

Proper shipping name: CORROSIVE SOLID, N.O.S. (Trimethylolpropane triglycidyl ether, Bisphenol-A/F-Epoxy resin)

Hazard classes: 8
Packing group: III
Hazard label: 8
Limited quantity: 5 kg

Marine transport (IMDG)

UN number: UN 1759
### 15. Regulatory information

#### Canadian regulations

**DSL/NDSL inventory status**

All ingredients of this mixture are included on the DSL Inventory.

**Provincial regulations**

WHMIS 2015

#### 16. Other information

**Changes**

This data sheet contains changes from the previous version in section(s): 3,10,11,12.

**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
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

PURE 110+, Comp. B

Further trade names

to in accordance with local/regional/national/international regulation to in accordance with local/regional/national/international regulation

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. 4 (oral)
Skin corrosion/irritation: Skin Corr. 1B
Serious eye damage/eye irritation: Eye Dam. 1
Respiratory or skin sensitization: Skin Sens. 1B
Germ cell mutagenicity: Muta. 2
Specific target organ toxicity - repeated exposure: STOT RE 1
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 cause damage to organs through prolonged or repeated exposure.

Precautionary statements

Do not breathe vapours.
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
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>1950616-36-0</td>
<td>Formaldehyde, oligomeric reaction products with phenol and m-phenylenebis(methylamine)</td>
<td>20 - 30 %</td>
</tr>
<tr>
<td>108-95-2</td>
<td>phenol; carboxyl acid; monohydroxybenzene; phenylalcohol</td>
<td>3 - 10 %</td>
</tr>
<tr>
<td>1477-55-0</td>
<td>m-Phenylenebis(methylamine)</td>
<td>5 - 15 %</td>
</tr>
<tr>
<td>90-72-2</td>
<td>2,4,6-tris(dimethylaminomethyl)phenol</td>
<td>1 - 5 %</td>
</tr>
<tr>
<td>100-51-6</td>
<td>benzyl alcohol</td>
<td>1 - 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. 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
Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist.

After ingestion
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 cause damage to organs through prolonged or repeated exposure.

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.
- Special danger of slipping by leaking/spilling product.

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.
  - Use protective skin cream before handling the product.

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 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. Protect from sunlight.
storage temperature: 5 - 30 °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
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.
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

Physical state: Paste
Colour: red
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
根据WHMIS

## PURE 110+, Comp. B

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solid:</td>
<td>not determined</td>
</tr>
<tr>
<td>Gas:</td>
<td>not applicable</td>
</tr>
<tr>
<td>Decomposition temperature:</td>
<td>not determined</td>
</tr>
<tr>
<td><strong>Oxidizing properties</strong></td>
<td></td>
</tr>
<tr>
<td>Not oxidising.</td>
<td></td>
</tr>
<tr>
<td>Vapour pressure:</td>
<td>not determined</td>
</tr>
<tr>
<td>Density:</td>
<td>not determined</td>
</tr>
<tr>
<td>Water solubility:</td>
<td>The study does not need to be conducted because the substance is known to be insoluble in water.</td>
</tr>
</tbody>
</table>

**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

**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**

- Harmful if swallowed.
### Chemicals

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
<th>Route of exposure</th>
<th>Dose Level</th>
<th>Species</th>
<th>Source</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>108-95-2</td>
<td>phenol; carbolic acid; monohydroxybenzene; phenylalcohol</td>
<td>oral</td>
<td>ATE 100 mg/kg</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>dermal</td>
<td>ATE 300 mg/kg</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>inhalation vapour</td>
<td>ATE 3 mg/l</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>inhalation aerosol</td>
<td>ATE 0.5 mg/l</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1477-55-0</td>
<td>m-Phenylenebis(methylamine)</td>
<td>oral</td>
<td>LD50 930 mg/kg</td>
<td>Rat</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>dermal</td>
<td>LD50 2000 mg/kg</td>
<td>Rabbit</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>inhalation (1 h) vapour</td>
<td>LC50 3.89 mg/l</td>
<td>Rat</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>inhalation aerosol</td>
<td>ATE 1.5 mg/l</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>90-72-2</td>
<td>2,4,6-tris(dimethylaminomethyl)phenol</td>
<td>oral</td>
<td>ATE 500 mg/kg</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>100-51-6</td>
<td>benzyl alcohol</td>
<td>oral</td>
<td>LD50 1230 mg/kg</td>
<td>Rat</td>
<td>GESTIS</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>inhalation vapour</td>
<td>ATE 11 mg/l</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>inhalation aerosol</td>
<td>ATE 1.5 mg/l</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Toxicity

**Irritation and corrosivity**
- Causes severe skin burns and eye damage.
- Causes serious eye damage.

**Sensitizing effects**
- May cause an allergic skin reaction. (Formaldehyde, oligomeric reaction products with phenol and m-phenylenebis(methylamine); m-Phenylenebis(methylamine))

**Carcinogenic/mutagenic/toxic effects for reproduction**
- Suspected of causing genetic defects. (phenol; carbolic acid; monohydroxybenzene; phenylalcohol)
- Carcinogenicity: Based on available data, the classification criteria are not met.
- Reproductive toxicity: 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**
- Causes damage to organs through prolonged or repeated exposure. (Quartz (< 10µm) *)
- May cause damage to organs through prolonged or repeated exposure. (phenol; carbolic acid; monohydroxybenzene; phenylalcohol)

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

### 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**
- 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 kg

**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:** 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

15. Regulatory information

Canadian regulations

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

Provincial regulations
WHMIS 2015

16. Other information

Changes
This data sheet contains changes from the previous version in section(s): 6.

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.)