1. Identification

Product identifier
PURE 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)

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 Corr. 1C
- Serious eye damage/eye irritation: Eye Dam. 1
- 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

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 (chloromethyl)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.
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
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 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.

### 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>
<tr>
<td>pH-Value:</td>
<td>not determined</td>
</tr>
</tbody>
</table>

**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: or Gas:</th>
<th>not determined</th>
</tr>
</thead>
<tbody>
<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>Solid: or Gas:</th>
<th>not determined</th>
</tr>
</thead>
</table>

**Decomposition temperature:**

| not determined |

**Oxidizing properties**

**Not oxidising.**

<table>
<thead>
<tr>
<th>Vapour pressure:</th>
<th>not determined</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density:</td>
<td>not determined</td>
</tr>
</tbody>
</table>

**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
none

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 mg/kg &gt; 2000</td>
<td>Rat</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>dermal</td>
<td>LD50 mg/kg &gt; 2000</td>
<td>Rat</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1675-54-3</td>
<td>2,2-Bis(4-glycidoxyphenyl)propane</td>
<td>oral</td>
<td>LD50 mg/kg 11400</td>
<td>Rat</td>
<td></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 mg/kg &gt; 2000</td>
<td>Rat</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>dermal</td>
<td>LD50 mg/kg &gt; 2000</td>
<td>Rat</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

### 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 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 1759

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

Transport hazard class(es): 8

Packing group: III

Hazard label: 8

Special Provisions: 223, 274
Limited quantity: 5 kg
Exempted quantity: E1
EmS: F-A, S-B

Air transport (ICAO-TI/IATA-DGR)

UN number: UN 1759

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

Transport hazard class(es): 8

Packing group: III

Hazard label: 8

Special Provisions: A3 A803
Limited quantity Passenger: 5 kg
Passenger LQ: Y845
Exempted quantity: E1

IATA-packing instructions - Passenger: 860
IATA-max. quantity - Passenger: 25 kg
IATA-packing instructions - Cargo: 864
IATA-max. quantity - Cargo: 100 kg

Environmental hazards

ENVIRONMENTALLY 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): 7,14,15.

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)
- 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**
PURE 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)

**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
- **Fax:** +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. 1
- 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:**

<table>
<thead>
<tr>
<th>Pictogram</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1" alt="Pictogram" /></td>
<td>Harmful if swallowed.</td>
</tr>
<tr>
<td><img src="image2" alt="Pictogram" /></td>
<td>Causes severe skin burns and eye damage.</td>
</tr>
<tr>
<td><img src="image3" alt="Pictogram" /></td>
<td>May cause an allergic skin reaction.</td>
</tr>
<tr>
<td><img src="image4" alt="Pictogram" /></td>
<td>Suspected of causing genetic defects.</td>
</tr>
<tr>
<td><img src="image5" alt="Pictogram" /></td>
<td>May cause damage to organs through prolonged or repeated exposure.</td>
</tr>
</tbody>
</table>

**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</td>
<td>3 - 10 %</td>
</tr>
<tr>
<td>1477-55-0</td>
<td>m-Phenylenedis(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>Benzy 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.
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 locked up. Store in a place accessible by authorized persons only. Provide adequate ventilation as well as local exhaustion at critical locations.
Keep/Store only in original container.

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
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

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 oxidising.
### Vapour pressure:
not determined

### Density:
not determined

### Water solubility:
The study does not need to be conducted because the substance is known to be insoluble in water.

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

### Other information
- Solid content: not determined

### 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.

### Toxicological information

#### Information on toxicological effects

##### Acute toxicity
- Harmful if swallowed.

##### ATEmix calculated
- ATE (oral) 1142.0 mg/kg
### CAS No | Chemical name | Route of exposure | Dose | Species | Source | Method
---|---|---|---|---|---|---
108-95-2 | Phenol | oral | LD50 mg/kg | 317 | Rat |
 | | dermal | LD50 mg/kg | 630 | Rabbit |
 | | inhalation vapour | ATE | 3 mg/l |
 | | inhalation aerosol | ATE | 0.5 mg/l |
1477-55-0 | m-Phenylenebis(methylamine) | oral | LD50 mg/kg | 930 | Rat |
 | | dermal | LD50 mg/kg | 2000 | Rabbit |
 | | inhalation (1 h) vapour | LC50 | 3.89 mg/l | Rat |
 | | inhalation aerosol | ATE | 1.5 mg/l |
90-72-2 | 2,4,6-Tris(dimethylaminomethyl)phenol | oral | ATE mg/kg | 500 |
100-51-6 | Benzyl alcohol | oral | LD50 mg/kg | 1230 | Rat | GESTIS
 | | inhalation vapour | ATE | 11 mg/l |
 | | inhalation aerosol | ATE | 1.5 mg/l |

**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); 2,4,6-Tris(dimethylaminomethyl)phenol)

**Carcinogenic/mutagenic/toxic effects for reproduction**
- Suspected of causing genetic defects. (Phenol)
- 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)

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

### 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

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

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.)