1 Identification

Product identifier
Trade name: **Silcor® Primer EPF (Part A)**
SDS ID Number: TG-0352 SLO

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

Details of the supplier of the safety data sheet

Manufacturer/Supplier:
GCP Applied Technologies
62 Whittemore Avenue
Cambridge, MA 02140 USA

GCP Canada, Inc.
294 Clements Road W.
Ajax, Ontario L1S 3C6 Canada

[www.gcpat.com](http://www.gcpat.com)

Information department:
CAN: +1-905-683-8561 (24 hours)

Environmental Health & Safety
USA: +1-617-876-1400 (24 hours)
+1-800-354-5414 (8AM - 5PM) Not functional within Massachusetts

CAN: 1-905-683-8561 (24 hours)

Email address: msds.gcp@gcpat.com

Transport Emergency: Chemtrec +1-800-424-9300 (24 hours)

2 Hazard(s) identification

Classification of the substance or mixture

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

Label elements: The product is classified and labeled according to the Globally Harmonized System (GHS)

Hazard pictograms

![GHS07](image)

Warning

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

**Precautionary statements**
Avoid breathing dust/fume/gas/mist/vapors/spray
Wash thoroughly after handling.
Wear protective gloves / 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.
Take off contaminated clothing and wash it before reuse. 
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 regulations. 
NFPA ratings (scale 0 - 4)

<table>
<thead>
<tr>
<th>Health</th>
<th>Fire</th>
<th>Reactivity</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>1</td>
<td>0</td>
</tr>
</tbody>
</table>

HMIS-ratings (scale 0 - 4)

<table>
<thead>
<tr>
<th>Health</th>
<th>Flammability</th>
<th>Reactivity</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>1</td>
<td>0</td>
</tr>
</tbody>
</table>

Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable. 
vPvB: Not applicable.

3 Composition/information on ingredients

Chemical characterization: Mixture

Description: Mixture of the hazardous substance(s) listed below with additional nonhazardous ingredients.

<table>
<thead>
<tr>
<th>Hazardous components:</th>
<th>Description</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>25068-38-6</td>
<td>Reaction product: bisphenol A-(epichlorhydrin); epoxy resin (number average molecular weight ≤ 700)</td>
<td>70-&lt;80%</td>
</tr>
<tr>
<td>2425-79-8</td>
<td>1,4-bis(2,3-epoxypropoxy)butane</td>
<td>15-&lt;22%</td>
</tr>
<tr>
<td>68609-97-2</td>
<td>oxirane, mono[(C12-14-alkyloxy)methyl] derivs</td>
<td>5-&lt;7.5%</td>
</tr>
</tbody>
</table>

Additional information: Non-hazardous ingredients may be listed in Section 15; Right-To-Know disclosure.

4 First-aid measures

Description of first aid measures

General information: Get medical advice/attention if you feel unwell.

After inhalation: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

After skin contact:
Immediately wash contaminated skin with soap or mild detergent and water. If this chemical soaks clothing, immediately remove clothing and wash skin.

Wash with plenty of soap and water.

After eye contact: Rinse cautiously with water for several minutes.

After swallowing:

Rinse mouth.

Do NOT induce vomiting.

Information for doctor:

Most important symptoms and effects, both acute and delayed

Allergic reactions

Irritating to eyes.
5 Fire-fighting measures

Extinguishing media

Suitable extinguishing agents: CO2, extinguishing powder or water spray. Fight larger fires with water spray.

Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

Advice for firefighters

Protective equipment: Wear self-contained respiratory protective device.

Additional information Collect contaminated fire fighting water separately. It must not enter the sewage system.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation

Wear protective equipment. Keep unprotected persons away.

Environmental precautions: Inform respective authorities in case of seepage into water course or sewage system.

Methods and material for containment and cleaning up:

Send for recovery or disposal in suitable receptacles.

Dispose contaminated material as waste according to section 13 of the SDS.

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and storage

Handling:

Precautions for safe handling

Prevent formation of aerosols.

Avoid contact with eyes.

Do not eat, drink or smoke when using this product.

Keep only in original container.

Use only outdoors or in a well-ventilated area.

Information about protection against explosions and fires: No special measures required.

Conditions for safe storage, including any incompatibilities

Storage:

Information about storage in one common storage facility: Storage temperature 5-30°C.

Further information about storage conditions:

Protect from frost.
Store in a dry place.
Keep cool.

Specific end use(s): No further relevant information available.

8 Exposure controls/personal protection

Additional information about design of technical systems: No further data; see item 7.

Control parameters

Components with limit values that require monitoring at the workplace:
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: The lists that were valid during the creation were used as basis.

Exposure controls

Personal protective equipment:

General protective and hygienic measures: The usual precautionary measures for handling chemicals should be followed.

Breathing equipment:
Control exposure to ingredients with workplace control parameters if mentioned above. If no ingredients are listed, respiratory protection is generally not required.

If exposure limits are listed and may be exceeded, use approved respiratory protective equipment and filter type appropriate for the listed ingredients. (NIOSH, CEN, etc.).

Protection of hands: Gloves should be worn to prevent skin contact and should be impermeable and resistant to the product.

Material of gloves
Rubber or other impervious gloves should be worn to prevent skin contact.

Penetration time of glove material
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:

Safety glasses with side shield protection.

Body protection:
Use personal protective equipment as required.
Take off contaminated clothing.

9 Physical and chemical properties

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>General Information</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance:</td>
<td></td>
</tr>
<tr>
<td>Form:</td>
<td>Liquid</td>
</tr>
<tr>
<td>Color:</td>
<td>According to product specification</td>
</tr>
<tr>
<td>Odor:</td>
<td>Typical.</td>
</tr>
<tr>
<td>Odor threshold:</td>
<td>Not determined.</td>
</tr>
<tr>
<td>pH-value (-) at 20 °C (68 °F):</td>
<td>7</td>
</tr>
</tbody>
</table>
### 46.1.12 Change in condition

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Melting point/Melting range</td>
<td>Undetermined.</td>
</tr>
<tr>
<td>Boiling point/Boiling range</td>
<td>100 °C (212 °F)</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt;150 °C (&gt;302 °F)</td>
</tr>
<tr>
<td>Flammability (solid, gaseous)</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Ignition temperature</td>
<td>Undetermined.</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Auto igniting</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Danger of explosion</td>
<td>Product does not present an explosion hazard.</td>
</tr>
<tr>
<td>Flammability (liquid)</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Explosion limits</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Lower</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Upper</td>
<td>Not determined.</td>
</tr>
<tr>
<td>VOC Content (max)</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>&lt; 1 mbar at 20°C</td>
</tr>
<tr>
<td>Density: (-) at 20 °C (68 °F)</td>
<td>1 g/cm³ (8.3 lbs/gal)</td>
</tr>
<tr>
<td>Relative density</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Vapor density</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Solubility in / Miscibility with Water</td>
<td>Not miscible or difficult to mix.</td>
</tr>
<tr>
<td>Partition coefficient (n-octanol/water)</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Viscosity: Dynamic:</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Kinematic:</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Molecular weight</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Other information</td>
<td>No further relevant information available.</td>
</tr>
</tbody>
</table>

### 10 Stability and reactivity

**Reactivity** Stable under normal conditions.

**Chemical stability**

**Thermal decomposition:** No decomposition if used according to specifications.

**Possibility of hazardous reactions** Reacts with oxidising agents, alcohols, amines, alkalines.

**Conditions to avoid** No further relevant information available.

**Incompatible materials:** No further relevant information available.

**Hazardous decomposition products:** Carbon monoxide and carbon dioxide

### 11 Toxicological information

**Information on toxicological effects**

**Acute toxicity:**

<table>
<thead>
<tr>
<th>LD/LC50 values relevant for classification:</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>25068-38-6 Reaction product: bisphenol A-(epichlorhydrin); epoxy resin (number average molecular weight ≤ 700)</td>
<td>220 mg/l (algae)</td>
</tr>
<tr>
<td></td>
<td>3.6 mg/l (bacterial)</td>
</tr>
<tr>
<td></td>
<td>2.4 mg/l (fish)</td>
</tr>
<tr>
<td></td>
<td>2.8 mg/l (daphnia magna)</td>
</tr>
</tbody>
</table>
Trade name: Silcor® Primer EPF (Part A)

Primary irritant effect:
- on the skin: Causes skin irritation.
- on the eye: Causes serious eye irritation.
- inhalation: No irritating effect expected
- Sensitization: May cause an allergic skin reaction.

Additional toxicological information:

Carcinogenic categories

IARC (International Agency for Research on Cancer) Human Carcinogenicity:
- Group 1 - Positive, Group 2A - Probable, Group 2B - Possible, Group 3 - Not Classifiable
- None of the ingredients is listed.

NTP (National Toxicology Program)
- K - Known to be carcinogenic, R - May reasonably be anticipated to be carcinogenic
- None of the ingredients is listed.

OSHA-Ca (Occupational Safety & Health Administration)
- None of the ingredients is listed.

12 Ecological information

Toxicity
- Aquatic toxicity: No further relevant information available.

Persistence and degradability
- No further relevant information available.

Behavior in environmental systems:
- Bioaccumulative potential: No further relevant information available.
- Mobility in soil: No further relevant information available.

Additional ecological information:
- General notes: Not known to be hazardous to water.

Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.

Other adverse effects
- No further relevant information available.

13 Disposal considerations

Disposal methods:
- Consult all regulations (federal, state, provincial, local) or a qualified waste disposal firm when characterizing product for disposal. Dispose of waste in accordance with all applicable regulations.

Recommendation:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
Uncleaned packagings:
Recommendation: Dispose of contents/container in accordance with local/regional/national/international regulations.

14 Transport information

<table>
<thead>
<tr>
<th>UN-Number</th>
<th>UN3082</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN proper shipping name</td>
<td></td>
</tr>
<tr>
<td>DOT</td>
<td>Environmentally hazardous substances, liquid, n.o.s. (Reaction product: bisphenol A-(epichlorhydrin); epoxy resin (number average molecular weight ≤ 700), 2,3-epoxypropyl neodecanoate - CARD)</td>
</tr>
<tr>
<td>IMDG</td>
<td>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Reaction product: bisphenol A-(epichlorhydrin); epoxy resin (number average molecular weight ≤ 700), 2,3-epoxypropyl neodecanoate - CARD), MARINE POLLUTANT</td>
</tr>
<tr>
<td>IATA</td>
<td>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Reaction product: bisphenol A-(epichlorhydrin); epoxy resin (number average molecular weight ≤ 700), 2,3-epoxypropyl neodecanoate - CARD)</td>
</tr>
</tbody>
</table>

Transport hazard class(es)

| Class | 9 Miscellaneous dangerous substances and articles |
| Label | 9 |

Packing group

| DOT, IMDG, IATA | III |

Environmental hazards:

| Marine pollutant: | Yes (DOT) |
| Special marking (ADR): | Symbol (fish and tree) |
| Special marking (IATA): | Symbol (fish and tree) |

Special precautions for user

| Danger code (Kemler): | 90 |
| EMS Number: | F-A,S-F |
| Stowage Category | A |

Transport/Additional information:

| DOT Remarks: | Special marking with the symbol (fish and tree). |
| IMDG Limited quantities (LQ): | 5L |
| IMDG Excepted quantities (EQ): | Code: E1 |
| IMDG Remarks: | Maximum net quantity per inner packaging: 30 ml |
| IMDG Remarks: | Maximum net quantity per outer packaging: 1000 ml |
| IMDG ≤5L, IMDG 2.10.2.7 |
| IATA Remarks: | ≤5L, IATA Special Provision 197. |
## 15 Regulatory information

**SARA (Superfund Amendments and Reauthorization Act)**

**Section 302/304 (extremely hazardous substances):**

None of the ingredients is listed.

**Section 313 Reportable Ingredients (Chemicals present below reporting threshold are exempt):**

None of the ingredients is listed.

**SARA Section 312/Tier I & II Hazard Categories:**
- Health Hazard - Skin Corrosion or Irritation
- Health Hazard - Respiratory or Skin Sensitization
- Health Hazard - Serious eye damage or eye irritation

**North America Chemical Inventory Status**

**TSCA (Toxic Substances Control Act - United States):**

All ingredients are listed or exempt from listing unless otherwise noted below.

**CEPA (Canadian DSL):**

All ingredients are listed or exempt from listing unless otherwise noted below.

**California Proposition 65: (Substances <0.1% unless noted in Section 3)**

**Chemicals known to cause cancer:**

None of the ingredients is listed.

**Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

**Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

**Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

**Carcinogenicity Categories**

**TLV-ACGIH (THE American Conference of Governmental Industrial Hygienists)**

Human Carcinogen - A1 Confirmed, A2 Suspected, A3 Unknown Relevance, A4 Not Classifiable

None of the ingredients is listed.

**NIOSH-Cancer (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

**Volatile Organic Compounds (VOC) reported per the Emission Standards**, 0.0 g/l / 0.00 lb/gl.

## 16 Other information

The data included herein are presented in accordance with various environment, health and safety regulations. It is the responsibility of a recipient of the data to remain currently informed on chemical hazard information, to design and update its own program and to comply with all national, federal, state and local laws and regulations applicable to safety, occupational health, right-to-know and environmental protection.

**Department issuing SDS:**

GCP Applied Technologies

62 Whittemore Avenue

Cambridge, MA 02140 USA

USA: +1-617-876-1400 (24 hours)

+1-800-354-5414

Product Stewardship Department

GCP Applied Technologies

580-581 Ipswich Road,

Slough, Berkshire.

SL1 4EQ

Tel: +44 (0)1753 490 000

Fax: +44 (0)1753 490 051
Date of preparation / last revision 04/06/2018 / -
The first date of preparation 07/24/2017
Number of revision times and the latest revision date 1.0 / 08/22/2017
1 Identification

Product identifier

Trade name: Silcor® Primer EPF (Part B)

SDS ID Number: TG-0353 SLO

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

Details of the supplier of the safety data sheet

Manufacturer/Supplier:
GCP Applied Technologies
62 Whittemore Avenue
Cambridge, MA 02140 USA

GCP Canada, Inc.
294 Clements Road W.
Ajax, Ontario L1S 3C6 Canada

www.gcpat.com

Information department:
CAN: +1-905-683-8561 (24 hours)
Environmental Health & Safety
USA: +1-617-876-1400 (24 hours)
    +1-800-354-5414 (8AM - 5PM) Not functional within Massachusetts
CAN: 1-905-683-8561 (24 hours)
Email address: msds.gcp@gcpat.com

Transport Emergency: Chemtrec +1-800-424-9300 (24 hours)

2 Hazard(s) identification

Classification of the substance or mixture

Causes severe skin burns and eye damage.
Causes serious eye damage.
May cause an allergic skin reaction.
Suspected of damaging fertility or the unborn child.

Label elements: The product is classified and labeled according to the Globally Harmonized System (GHS)

Hazard pictograms

GHS05  GHS07  GHS08

Danger

Hazard statements

Causes severe skin burns and eye damage.
May cause an allergic skin reaction.
Suspected of damaging fertility or the unborn child.

Precautionary statements

Do not handle until all safety precautions have been read and understood.
Avoid breathing dust/fume/gas/mist/vapors/spray
Wear protective gloves/protective clothing/eye protection/face protection.
Trade name: Silcor® Primer EPF (Part B)

If swallowed: Rinse mouth. Do NOT induce vomiting.
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
If INHALED: Remove person to fresh air and keep comfortable for breathing.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If exposed or concerned: Get medical advice/attention.
If skin irritation or rash occurs: Get medical advice/attention.

Hazard description: Corrosive

NFPA ratings (scale 0 - 4)

- Health = 3
- Fire = 1
- Reactivity = 0

HMIS-ratings (scale 0 - 4)

- HEALTH   3
- FIRE       1
- REACTIVITY 0

Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.
vPvB: Not applicable.

3 Composition/information on ingredients

Chemical characterization: Mixture

Description: Mixture of the hazardous substance(s) listed below with additional nonhazardous ingredients.

<table>
<thead>
<tr>
<th>Hazardous components</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>98-54-4 4-tert-butylphenol</td>
<td>40-&lt;50%</td>
</tr>
<tr>
<td>1477-55-0 m-phenylenebis (methylamine)</td>
<td>10-&lt;15%</td>
</tr>
<tr>
<td>61788-44-1 Phenol, styrenated</td>
<td>5-&lt;7.5%</td>
</tr>
<tr>
<td>100-51-6 Benzyl alcohol</td>
<td>5-&lt;7.5%</td>
</tr>
<tr>
<td>90-72-2 2,4,6-tris(dimethylaminomethyl)phenol</td>
<td>5-&lt;7.5%</td>
</tr>
<tr>
<td>25513-64-8 Trimethylhexane-1,6-diamine</td>
<td>3-&lt;5%</td>
</tr>
</tbody>
</table>

Additional information: Non-hazardous ingredients may be listed in Section 15; Right-To-Know disclosure.

4 First-aid measures

Description of first aid measures

General information: Get medical advice/attention if you feel unwell.

After inhalation: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

After skin contact:
Immediately wash contaminated skin with soap or mild detergent and water. If this chemical soaks clothing, immediately remove clothing and wash skin.
Wash with plenty of soap and water.

After eye contact: Rinse cautiously with water for several minutes.

After swallowing:
Rinse mouth.
5 Fire-fighting measures

**Extinguishing media**

Suitable extinguishing agents: CO₂, extinguishing powder or water spray. Fight larger fires with water spray.

**Special hazards arising from the substance or mixture**

During heating or in case of fire poisonous gases are produced.

**Advice for firefighters**

Protective equipment: Wear self-contained respiratory protective device.

**Additional information**

Collect contaminated fire fighting water separately. It must not enter the sewage system.

6 Accidental release measures

**Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation

Wear protective equipment. Keep unprotected persons away.

Use respiratory protective device against the effects of fumes/dust/aerosol.

**Environmental precautions:**

Avoid release to the environment.

Inform respective authorities in case of seepage into water course or sewage system.

**Methods and material for containment and cleaning up:**

Use neutralizing agent.

Send for recovery or disposal in suitable receptacles.

Dispose contaminated material as waste according to section 13 of the SDS.

**Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and storage

**Handling:**

Precautions for safe handling

Prevent formation of aerosols.

Do not eat, drink or smoke when using this product.
Keep only in original container.
Use only outdoors or in a well-ventilated area.

**Information about protection against explosions and fires:** No special measures required.

**Conditions for safe storage, including any incompatibilities**

**Storage:**

**Information about storage in one common storage facility:** Storage temperature 5-30°C.

**Further information about storage conditions:**
Protect from frost.
Store in a dry place.
Keep cool.

**Specific end use(s)** No further relevant information available.

**8 Exposure controls/personal protection**

**Additional information about design of technical systems:** No further data; see item 7.

**Control parameters**

<table>
<thead>
<tr>
<th>Component</th>
<th>Limit values</th>
</tr>
</thead>
<tbody>
<tr>
<td>1477-55-0 m-phenylenebis (methylamine)</td>
<td>REL (USA) Ceiling limit value: 0.1 mg/m³ Skin&lt;br&gt;TLV (USA) Ceiling limit value: 0.1 mg/m³, 0.018 ppm Skin</td>
</tr>
<tr>
<td>100-51-6 Benzyl alcohol</td>
<td>WEEL (USA) Long-term value: 10 ppm</td>
</tr>
</tbody>
</table>

**Additional information:** The lists that were valid during the creation were used as basis.

**Exposure controls**

**Personal protective equipment:**

**General protective and hygienic measures:** The usual precautionary measures for handling chemicals should be followed.

**Breathing equipment:**

Control exposure to ingredients with workplace control parameters if mentioned above. If no ingredients are listed, respiratory protection is generally not required.

If exposure limits are listed and may be exceeded, use approved respiratory protective equipment and filter type appropriate for the listed ingredients. (NIOSH, CEN, etc.).

**Protection of hands:** Gloves should be worn to prevent skin contact and should be impermeable and resistant to the product.

**Material of gloves**
Nitrile rubber.
Rubber or other impervious gloves should be worn to prevent skin contact.

**Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
Eye protection:

Safety glasses with side shield protection.

Body protection:

Use personal protective equipment as required.

Take off contaminated clothing.

9 Physical and chemical properties

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>General Information</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Appearance:</strong></td>
</tr>
<tr>
<td>Form: Liquid</td>
</tr>
<tr>
<td>Color: According to product specification</td>
</tr>
<tr>
<td>Odor: Amine-like</td>
</tr>
<tr>
<td>Odor threshold: Not determined.</td>
</tr>
</tbody>
</table>

| **pH-value (–) at 20 °C (68 °F):** |
| 7 |

<table>
<thead>
<tr>
<th><strong>Change in condition</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Melting point/Melting range: Undetermined.</td>
</tr>
<tr>
<td>Boiling point/Boiling range: &gt;200 °C (&gt;392 °F)</td>
</tr>
<tr>
<td>Flash point: &gt;100 °C (&gt;212 °F)</td>
</tr>
</tbody>
</table>

| **Flammability (solid, gaseous):** |
| Not applicable. |

| **Ignition temperature:** |
| 435 °C (815 °F) |

| **Decomposition temperature:** |
| Not determined. |

| **Auto igniting:** |
| Not determined. |

| **Danger of explosion:** |
| Product does not present an explosion hazard. |

<table>
<thead>
<tr>
<th><strong>Explosion limits:</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Lower: Not determined.</td>
</tr>
<tr>
<td>Upper: Not determined.</td>
</tr>
<tr>
<td>VOC Content (max): Not determined.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Vapor pressure:</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>0.28 hPa at 20°C</td>
</tr>
</tbody>
</table>

| **Density: (-) at 20 °C (68 °F):** |
| 1.1 g/cm³ (9.2 lbs/gal) |

| **Relative density:** |
| Not determined. |

| **Vapor density:** |
| Not determined. |

| **Evaporation rate:** |
| Not determined. |

| **Solubility in / Miscibility with** |
| Water: Not miscible or difficult to mix. |

| **Partition coefficient (n-octanol/water):** |
| Not determined. |

<table>
<thead>
<tr>
<th><strong>Viscosity:</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Dynamic: Not determined.</td>
</tr>
<tr>
<td>Kinematic: Not determined.</td>
</tr>
</tbody>
</table>

| **Molecular weight** |
| Not applicable. |

| **Other information** |
| No further relevant information available. |

10 Stability and reactivity

Reactivity Stable under normal conditions.
Trade name: Silcor® Primer EPF (Part B)

11 Toxicological information

Information on toxicological effects

Acute toxicity:

LD/LC50 values relevant for classification:

<table>
<thead>
<tr>
<th>Chemical</th>
<th>LD50</th>
<th>LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>98-54-4 4-tert-butylphenol</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dermal</td>
<td>2.951</td>
<td>2.288</td>
</tr>
<tr>
<td>Oral</td>
<td>980 mg/kg (rat) (OECD 401)</td>
<td></td>
</tr>
<tr>
<td>Dermal</td>
<td>3.100</td>
<td></td>
</tr>
<tr>
<td>Oral</td>
<td>2,169 mg/kg (rat) (OECD 401)</td>
<td></td>
</tr>
<tr>
<td>100-51-6 Benzy alcohol</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oral</td>
<td>1,040</td>
<td>&gt;2,000</td>
</tr>
<tr>
<td>Dermal</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oral</td>
<td>910 mg/kg (rat)</td>
<td></td>
</tr>
<tr>
<td>Dermal</td>
<td>1,280</td>
<td></td>
</tr>
</tbody>
</table>

Primary irritant effect:

on the skin: Causes severe skin burns and eye damage.

on the eye: Causes serious eye damage.

inhalation: No irritating effect expected

Sensitization: May cause an allergic skin reaction.

Additional toxicological information: Suspected of damaging fertility or the unborn child.

Carcinogenic categories

IARC (International Agency for Research on Cancer) Human Carcinogenicity:

Group 1- Positive, Group 2A- Probable, Group 2B- Possible, Group 3- Not Classifiable

None of the ingredients is listed.

NTP (National Toxicology Program)

K–Known to be carcinogenic, R–May reasonably be anticipated to be carcinogenic

None of the ingredients is listed.

OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.
12 Ecological information

Toxicity

Aquatic toxicity:
1477-55-0 m-phenylenebis (methylamine)
EC50, 72h | 12 mg/l (algae) (OECD 201)

Persistence and degradability No further relevant information available.

Behavior in environmental systems:

Bioaccumulative potential No further relevant information available.

Mobility in soil No further relevant information available.

Additional ecological information:

General notes: Must not reach bodies of water or drainage ditch undiluted or unneutralized.

Results of PBT and vPvB assessment

PBT: Not applicable.
vPvB: Not applicable.

Other adverse effects No further relevant information available.

13 Disposal considerations

Disposal methods:

Consult all regulations (federal, state, provincial, local) or a qualified waste disposal firm when characterizing product for disposal. Dispose of waste in accordance with all applicable regulations.

Recommendation:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Uncleaned packagings:

Recommendation: Dispose of contents/container in accordance with local/regional/national/international regulations.

14 Transport information

<table>
<thead>
<tr>
<th>UN-Number</th>
<th>DOT, IMDG, IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN2735</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>UN proper shipping name</th>
<th>DOT</th>
<th>IMDG, IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amines, liquid, corrosive, n.o.s. (m-phenylenebis (methylamine), Phenol)</td>
<td>AMINES, LIQUID, CORROSIVE, N.O.S. (m-phenylenebis (methylamine), PHENOL)</td>
<td></td>
</tr>
</tbody>
</table>

Transport hazard class(es)

DOT

Class 8 Corrosive substances
### 15 Regulatory information

**SARA (Superfund Amendments and Reauthorization Act)**

**Section 302/304 (extremely hazardous substances):**

None of the ingredients is listed.

**Section 313 Reportable Ingredients (Chemicals present below reporting threshold are exempt):**

None of the ingredients is listed.

**SARA Section 312/Tier I & II Hazard Categories:**

- Health Hazard - Reproductive toxicity
- Health Hazard - Skin Corrosion or Irritation
- Health Hazard - Respiratory or Skin Sensitization
- Health Hazard - Serious eye damage or eye irritation

**North America Chemical Inventory Status**

**TSCA (Toxic Substances Control Act - United States):**

All ingredients are listed or exempt from listing unless otherwise noted below.

**CEPA (Canadian DSL):**

Inventory listing could not be confirmed for one or more substances.

**Right to Know Ingredient Disclosure:**

- Non Hazardous / Non Regulated Components

**California Proposition 65: (Substances <0.1% unless noted in Section 3)**

- **Chemicals known to cause cancer:**
  
  None of the ingredients is listed.

- **Chemicals known to cause reproductive toxicity for females:**
  
  None of the ingredients is listed.

- **Chemicals known to cause reproductive toxicity for males:**
  
  None of the ingredients is listed.

- **Chemicals known to cause developmental toxicity:**
  
  None of the ingredients is listed.
Carcinogenicity Categories

TLV-ACGIH (THE American Conference of Governmental Industrial Hygienists)
Human Carcinogen - A1 Confirmed, A2 Suspected, A3 Unknown Relevance, A4 Not Classifiable
None of the ingredients is listed.

NIOSH-Cancer (National Institute for Occupational Safety and Health)
None of the ingredients is listed.

Volatile Organic Compounds (VOC) reported per the Emission Standards. 78.4 g/l / 0.65 lb/gl

16 Other information

The data included herein are presented in accordance with various environment, health and safety regulations. It is the responsibility of a recipient of the data to remain currently informed on chemical hazard information, to design and update its own program and to comply with all national, federal, state and local laws and regulations applicable to safety, occupational health, right-to-know and environmental protection.

Department issuing SDS:
GCP Applied Technologies
62 Whittemore Avenue
Cambridge, MA 02140 USA
USA: +1-617-876-1400 (24 hours)
+1-800-354-5414

Product Stewardship Department
GCP Applied Technologies
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Slough, Berkshire.
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Tel: +44 (0)1753 490 000
Fax: +44 (0)1753 490 051

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