1. Identification

Product identifier: BLUESIL RTV 3040 A U1

Recommended use and restriction on use

Recommended use: Molding diverse objects.
Restrictions on use: None known.

Manufacturer/Importer/Supplier/Distributor Information

Manufacturer
Company Name: Elkem Silicones USA Corp.
Address: 7979 Park Place Road
         29745 York, SC
Telephone: +1 (803) 792-3000
Fax: +1 (803) 684-7202
Contact Person: E-mail: product.stewardship@elkem.com

Supplier
Company Name: Elkem Silicones USA Corp.
Address: Two Tower Blvd, Suite 1601
         08816-1100 East Brunswick, NJ
Telephone: +1 (732) 227-2060
Fax: +1 (732) 249-7000

Emergency telephone number: +1 (800) 424-9300 CHEMTREC

2. Hazard(s) identification

Hazard Classification
Not a hazardous substance or mixture according to GHS.

Label Elements

Hazard Symbol: No symbol.
Signal Word: No signal word.
Hazard Statement: Not applicable

Precautionary Statements
Prevention: Not applicable
Response: Not applicable
Storage: Not applicable
Disposal: Not applicable
<table>
<thead>
<tr>
<th>Other hazards which do not result in GHS classification:</th>
<th>No data available.</th>
</tr>
</thead>
</table>

3. Composition/information on ingredients

**Mixtures**

**Composition Comments:** Mixture of Polyorganosiloxanes, fillers, additives.

4. First-aid measures

**General information:** For further information refer to section 8 "Exposure-controls/personal protection".

**Ingestion:** Do not induce vomiting. Rinse mouth thoroughly. Get medical attention if symptoms occur.

**Inhalation:** Under normal conditions of intended use, this material is not expected to be an inhalation hazard.

**Skin Contact:** Wash contact areas with soap and water. Get medical attention if symptoms occur after washing.

**Eye contact:** In the event of contact with the eyes, rinse thoroughly with clean water. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing.

**Most important symptoms/effects, acute and delayed**

**Symptoms:** None known.

**Hazards:** No specific recommendations.

**Indication of immediate medical attention and special treatment needed**

**Treatment:** No specific recommendations.

5. Fire-fighting measures

**General Fire Hazards:** No specific recommendations.

**Suitable (and unsuitable) extinguishing media**

**Suitable extinguishing media:** Water spray, foam, dry powder or carbon dioxide.

**Unsuitable extinguishing media:** None known.

**Specific hazards arising from the chemical:** Product will burn under fire conditions. Hazardous Decomposition Products: formaldehyde, oxides of carbon and silica.

**Special protective equipment and precautions for firefighters**

**Special fire fighting procedures:** Water spray should be used to cool containers.
6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures:**
Wear appropriate personal protective equipment. See Section 8 of the SDS for Personal Protective Equipment.

**Methods and material for containment and cleaning up:**
Absorb with sand or other inert absorbent and place into containers.

**Notification Procedures:**
Caution: Contaminated surfaces may be slippery. For waste disposal, see Section 13 of the SDS.

**Environmental Precautions:**
Do not allow to enter drains, sewers or watercourses.

7. Handling and storage

**Precautions for safe handling:**
No specific precautions. See Section 8 of the SDS for Personal Protective Equipment.

**Conditions for safe storage, including any incompatibilities:**
No special storage precautions noted.

8. Exposure controls/personal protection

**Control Parameters**

**Occupational Exposure Limits**
None of the components have assigned exposure limits.

**Appropriate Engineering Controls**
No specific recommendations.

**Individual protection measures, such as personal protective equipment**

**General information:**
Provide sufficient ventilation during operations which cause vapor formation.

**Eye/face protection:**
Safety Glasses.

**Skin Protection**

**Hand Protection:**
Protective gloves are recommended.

**Other:**
Wear suitable protective clothing.

**Respiratory Protection:**
No protection is ordinarily required under normal conditions of use and with adequate ventilation.

**Hygiene measures:**
Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties
9.1 Information on basic physical and chemical properties:

**Appearance**
- **Physical state:** Liquid
- **Form:** Viscous
- **Color:** Colorless
- **Odor:** Odorless
- **Odor threshold:** No data available.
- **pH:** No data available.
- **Freezing point:** No data available.
- **Boiling Point:** No data available.
- **Flash Point:** 397 °F (203 °C) (Pensky-Martens Closed Cup)
- **Evaporation rate:** No data available.
- **Flammability (solid, gas):** No data available.
  - **Flammability limit - upper (%):** No data available.
  - **Flammability limit - lower (%):** No data available.
- **Vapor pressure:** No data available.
- **Vapor density:** No data available.
- **Density:** Approximate 1.08 kg/dm3 (68 °F (20 °C))
- **Solubility(ies)**
  - **Solubility in water:** Insoluble
- **Partition coefficient (n-octanol/water):** No data available.
- **Auto-ignition temperature:** No data available.
- **Decomposition temperature:** No data available.
- **Viscosity:** No data available.

**Other information**
- **Oxidizing properties:** According to the data on the components Not considered as oxidizing. (according to EC criteria)

10. Stability and reactivity

**Reactivity:** No data available.

**Chemical Stability:** Stable

**Possibility of hazardous reactions:** Will not occur.

**Conditions to avoid:** No other information noted.

**Incompatible Materials:** Strong oxidizing agents.

**Hazardous Decomposition Products:** This product can form formaldehyde vapors when heated to temperatures above 150 degrees C in the presence of air. Thermal decomposition or combustion may liberate carbon oxides, other toxic gases or vapors and amorphous silica.
11. Toxicological information

Information on likely routes of exposure

Ingestion: No effects expected (assessment based on ingredients).

Inhalation: No effects expected (assessment based on ingredients).

Skin Contact: No effects expected (assessment based on ingredients).

Eye contact: No effects expected (assessment based on ingredients).

Symptoms related to the physical, chemical and toxicological characteristics

Ingestion: No data available.

Inhalation: No data available.

Skin Contact: No data available.

Eye contact: No data available.

Information on toxicological effects

Acute toxicity (list all possible routes of exposure)

Oral Product: No data available.

Dermal Product: No data available.

Inhalation Product: No data available.

Repeated dose toxicity Product: No effects expected (assessment based on ingredients).

Skin Corrosion/Irritation Product: No effects expected (assessment based on ingredients).

Serious Eye Damage/Eye Irritation Product: No effects expected (assessment based on ingredients).

Respiratory or Skin Sensitization Product: No effects expected (assessment based on ingredients).

Carcinogenicity Product: No effects expected (assessment based on ingredients).

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:
No carcinogenic components identified

US. National Toxicology Program (NTP) Report on Carcinogens:
No carcinogenic components identified
No carcinogenic components identified

Germ Cell Mutagenicity

In vitro
Product: No effects expected (assessment based on ingredients).

In vivo
Product: No effects expected (assessment based on ingredients).

Reproductive toxicity
Product: No data available.

Specific Target Organ Toxicity - Single Exposure
Product: No effects expected (assessment based on ingredients).

Specific Target Organ Toxicity - Repeated Exposure
Product: No effects expected (assessment based on ingredients).

Aspiration Hazard
Product: No effects expected (assessment based on ingredients).

Other effects: None known.

12. Ecological information

Ecotoxicity:

Acute hazards to the aquatic environment:

Fish
Product: No effects expected (assessment based on ingredients).

Aquatic Invertebrates
Product: No effects expected (assessment based on ingredients).

Chronic hazards to the aquatic environment:

Fish
Product: No effects expected (assessment based on ingredients).

Aquatic Invertebrates
Product: No effects expected (assessment based on ingredients).

Toxicity to Aquatic Plants
Product: No effects expected (assessment based on ingredients).

Persistence and Degradability

Biodegradation
Product: The product is not readily biodegradable.
The product is not biodegradable.

BOD/COD Ratio
Product: Not determined.

Bioaccumulative potential
Bioconcentration Factor (BCF)
Product: The product is not bioaccumulating.

Partition Coefficient n-octanol / water (log Kow)
Product: No data available.

Mobility in soil: No data available.

Other adverse effects: None known.

13. Disposal considerations

Disposal instructions: Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. Contaminated packages should be as empty as possible.

14. Transport information

This material is not subject to transport regulations.

Environmental hazards: Not regulated.

Special precautions for user: No special precautions.

15. Regulatory information

US Federal Regulations

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
None present or none present in regulated quantities.

CERCLA Hazardous Substance List (40 CFR 302.4):
None present or none present in regulated quantities.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

☐ Acute (Immediate) ☐ Chronic (Delayed) ☐ Fire ☐ Reactive ☐ Pressure Generating

SARA 302 Extremely Hazardous Substance
None present or none present in regulated quantities.

SARA 304 Emergency Release Notification
None present or none present in regulated quantities.

SARA 313 (TRI Reporting)
None present or none present in regulated quantities.

Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)
None present or none present in regulated quantities.
Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):
None present or none present in regulated quantities.

US State Regulations

**US. California Proposition 65**
No ingredient regulated by CA Prop 65 present.

**US. New Jersey Worker and Community Right-to-Know Act**
No ingredient regulated by NJ Right-to-Know Law present.

**US. Massachusetts RTK - Substance List**
No ingredient regulated by MA Right-to-Know Law present.

**US. Pennsylvania RTK - Hazardous Substances**
No ingredient regulated by PA Right-to-Know Law present.

**US. Rhode Island RTK**
No ingredient regulated by RI Right-to-Know Law present.

Inventory Status:

**US TSCA Inventory:** On or in compliance with the inventory.

**Canada DSL Inventory List:** On or in compliance with the inventory.

**EU EINECS List:** On or in compliance with the inventory.

**China Inv. Existing Chemical Substances:** On or in compliance with the inventory.

**Korea Existing Chemicals Inv. (KECI):** On or in compliance with the inventory.

**Australia AICS:** On or in compliance with the inventory.

**Philippines PICCS:** On or in compliance with the inventory.

**New Zealand Inventory of Chemicals:** On or in compliance with the inventory.

16. Other information, including date of preparation or last revision

**HMIS Hazard ID**

<table>
<thead>
<tr>
<th>Health</th>
<th>1</th>
<th>B - Safety Glasses &amp; Gloves</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammability</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Physical Hazards</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td><strong>PERSONAL PROTECTION</strong></td>
<td>B</td>
<td></td>
</tr>
</tbody>
</table>

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; RNP - Rating not possible; *Chronic health effect
NFPA Hazard ID

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; RNP - Rating not possible

Issue Date: 04/05/2018
Revision Date: No data available.
Version #: 5.0
Further Information: No data available.

Disclaimer: The information given is based on data available for the material, the components of the material, and similar materials. The information is believed to be correct. It is given in good faith. This information should be used to make an independent determination of the methods to safeguard workers and the environment.
1. Identification

Product identifier: BLUESIL CATA 3040

Recommended use and restriction on use
Recommended use: Catalyst
Restrictions on use: None known.

Manufacturer/Importer/Supplier/Distributor Information

Manufacturer
Company Name: Elkem Silicones USA Corp.
Address: 7979 Park Place Road
29745 York, SC
Telephone: +1 (803) 792-3000
Fax: +1 (803) 684-7202
Contact Person: E-mail: product.stewardship@elkem.com

Supplier
Company Name: Elkem Silicones USA Corp.
Address: Two Tower Blvd, Suite 1601
08816-1100 East Brunswick, NJ
Telephone: +1 (732) 227-2060
Fax: +1 (732) 249-7000

Emergency telephone number: +1 (800) 424-9300 CHEMTREC

2. Hazard(s) identification

Hazard Classification
Health Hazards
Toxic to reproduction Category 2

Label Elements

Hazard Symbol:

Signal Word: Warning
Hazard Statement: Suspected of damaging fertility.
Precautionary Statements
Prevention: Use personal protective equipment as required.
Response: IF exposed or concerned: Get medical advice/attention.

Other hazards which do not result in GHS classification: Chemical compounds containing silicon - hydrogen bonds (SiH). This product may generate hydrogen gas. For further information, refer to section 10: “Stability and Reactivity”.

3. Composition/information on ingredients

Mixtures

<table>
<thead>
<tr>
<th>Chemical Identity</th>
<th>CAS number</th>
<th>Content in percent (%)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Octamethylcyclotetrasiloxane</td>
<td>556-67-2</td>
<td>0.1 - &lt;1%</td>
</tr>
</tbody>
</table>

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

Composition Comments: Mixture of Polyorganosiloxanes, fillers, additives.

4. First-aid measures

General information: For further information refer to section 8 "Exposure-controls/personal protection".

Ingestion: Do not induce vomiting. Rinse mouth thoroughly. Get medical attention if symptoms occur.

Inhalation: Under normal conditions of intended use, this material is not expected to be an inhalation hazard.

Skin Contact: Wash contact areas with soap and water. Get medical attention if symptoms occur after washing.

Eye contact: In the event of contact with the eyes, rinse thoroughly with clean water. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing.

Most important symptoms/effects, acute and delayed

Symptoms: None known.

Hazards: No specific recommendations.

Indication of immediate medical attention and special treatment needed

Treatment: No specific recommendations.

5. Fire-fighting measures

General Fire Hazards: No specific recommendations.

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media: Dry chemical, alcohol resistant foam or carbon dioxide (CO2).
Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this will spread the fire. Do not use alkaline powders.

Specific hazards arising from the chemical: This product may generate hydrogen gas. Vapors may form explosive mixtures with air. For further information, refer to section 10: "Stability and Reactivity". Hazardous Decomposition Products: formaldehyde, oxides of carbon and silica.

Special protective equipment and precautions for firefighters

Special fire fighting procedures: Water spray should be used to cool containers.

Special protective equipment for fire-fighters: Firefighters should wear standard protective equipment and a positive pressure self-contained breathing apparatus (SCBA).

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures: Wear appropriate personal protective equipment. See Section 8 of the SDS for Personal Protective Equipment. Avoid contact with alkalis and caustic products. Eliminate all sources of ignition.

Methods and material for containment and cleaning up: Avoid contact with alkalis and caustic products. Use non-sparking tools. Absorb with sand or other inert absorbent. Scrape up and place in appropriate vented container.

Notification Procedures: Caution: Contaminated surfaces may be slippery. For waste disposal, see Section 13 of the SDS.

Environmental Precautions: Collect spillage. Prevent entry into waterways, sewer, basements or confined areas. Mechanically ventilate the spillage area to prevent the formation of explosive concentrations.

7. Handling and storage

Precautions for safe handling: Provide sufficient ventilation during operations which cause vapor formation. Do not mix with incompatible materials. For further information, refer to section 10: "Stability and Reactivity". Read and follow manufacturer's recommendations.

Conditions for safe storage, including any incompatibilities: Store in original vented container. Store in a cool, dry place with adequate ventilation. Keep away from incompatible materials, open flames, and high temperatures.

8. Exposure controls/personal protection

Control Parameters

Occupational Exposure Limits None of the components have assigned exposure limits.

Appropriate Engineering Controls No specific recommendations.

Individual protection measures, such as personal protective equipment

General information: Provide sufficient ventilation during operations which cause vapor formation.
Eye/face protection: Safety Glasses.

Skin Protection
Hand Protection: Protective gloves are recommended.

Other: Wear suitable protective clothing.

Respiratory Protection: No protection is ordinarily required under normal conditions of use and with adequate ventilation.

Hygiene measures: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Appearance

<table>
<thead>
<tr>
<th>Physical state:</th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Form:</td>
<td>Mobile</td>
</tr>
<tr>
<td>Color:</td>
<td>Colorless</td>
</tr>
<tr>
<td>Odor:</td>
<td>Slight odor</td>
</tr>
<tr>
<td>Odor threshold:</td>
<td>No data available.</td>
</tr>
<tr>
<td>pH:</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Freezing point:</td>
<td>No data available.</td>
</tr>
<tr>
<td>Boiling Point:</td>
<td>No data available.</td>
</tr>
<tr>
<td>Flash Point:</td>
<td>&gt; 392 °F (200 °C) (Pensky-Martens Closed Cup)</td>
</tr>
<tr>
<td>Evaporation rate:</td>
<td>No data available.</td>
</tr>
<tr>
<td>Flammability (solid, gas):</td>
<td>No data available.</td>
</tr>
<tr>
<td>Flammability limit - upper (%):</td>
<td>74 % (V) Hydrogen.</td>
</tr>
<tr>
<td>Flammability limit - lower (%):</td>
<td>4 % (V) Hydrogen.</td>
</tr>
<tr>
<td>Vapor pressure:</td>
<td>No data available.</td>
</tr>
<tr>
<td>Vapor density:</td>
<td>No data available.</td>
</tr>
<tr>
<td>Density:</td>
<td>Approximate 1.04 kg/dm³ (68 °F (20 °C))</td>
</tr>
</tbody>
</table>

Solubility(ies)

<table>
<thead>
<tr>
<th>Solubility in water:</th>
<th>Insoluble</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solubility (other):</td>
<td>Acetone: Very slightly soluble.</td>
</tr>
<tr>
<td></td>
<td>Ethanol: Very slightly soluble.</td>
</tr>
<tr>
<td></td>
<td>Diethylether: Miscible (in all proportions).</td>
</tr>
<tr>
<td></td>
<td>Aliphatic hydrocarbons: Miscible (in all proportions).</td>
</tr>
<tr>
<td></td>
<td>Aromatic hydrocarbons: Miscible (in all proportions).</td>
</tr>
<tr>
<td></td>
<td>Chlorinated solvents: Miscible (in all proportions).</td>
</tr>
<tr>
<td>Partition coefficient (n-octanol/water):</td>
<td>No data available.</td>
</tr>
<tr>
<td>Auto-ignition temperature:</td>
<td>932 °F (500 °C) Hydrogen.</td>
</tr>
<tr>
<td>Decomposition temperature:</td>
<td>No data available.</td>
</tr>
<tr>
<td>Viscosity:</td>
<td>40,000 - 60,000 mm²/s</td>
</tr>
</tbody>
</table>

Other information

Oxidizing properties: According to the data on the components Not considered as oxidizing. (according to EC criteria)
10. Stability and reactivity

Reactivity: No data available.

Chemical Stability: Material is stable under normal conditions.

Possibility of hazardous reactions: This product may generate hydrogen gas.

Conditions to avoid: No other information noted.

Incompatible Materials: A fire or explosion hazard arises because highly flammable gas (hydrogen) is released when it is in contact with: Strong oxidizers, strong bases and chemical compounds with mobile hydrogen, in the presence of metal salts and complexes.

Hazardous Decomposition Products: This product can form formaldehyde vapors when heated to temperatures above 150 degrees C in the presence of air. Thermal decomposition or combustion may liberate carbon oxides, other toxic gases or vapors and amorphous silica.

Quantity of hydrogen potentially released (l/kg of product): < 50

11. Toxicological information

Information on likely routes of exposure

Ingestion: No effects expected (assessment based on ingredients).

Inhalation: No effects expected (assessment based on ingredients).

Skin Contact: No effects expected (assessment based on ingredients).

Eye contact: No effects expected (assessment based on ingredients).

Symptoms related to the physical, chemical and toxicological characteristics

Ingestion: No data available.

Inhalation: No data available.

Skin Contact: No data available.

Eye contact: No data available.

Information on toxicological effects

Acute toxicity (list all possible routes of exposure)

Oral Product: No data available.

Dermal Product: No data available.

Inhalation Product: No data available.

Repeated dose toxicity Product: No effects expected (assessment based on ingredients).
Skin Corrosion/Irritation
Product: No effects expected (assessment based on ingredients).

Serious Eye Damage/Eye Irritation
Product: No effects expected (assessment based on ingredients).

Respiratory or Skin Sensitization
Product: No effects expected (assessment based on ingredients).

Carcinogenicity
Product: No effects expected (assessment based on ingredients).

- IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:
  No carcinogenic components identified

- US. National Toxicology Program (NTP) Report on Carcinogens:
  No carcinogenic components identified

  No carcinogenic components identified

Germ Cell Mutagenicity

- In vitro
  Product: No effects expected (assessment based on ingredients).

- In vivo
  Product: No effects expected (assessment based on ingredients).

Reproductive toxicity
Product: No data available.

- Specified substance(s):
  Octamethylcyclotetrasiloxane Suspected of damaging fertility.

Specific Target Organ Toxicity - Single Exposure
Product: No effects expected (assessment based on ingredients).

Specific Target Organ Toxicity - Repeated Exposure
Product: No effects expected (assessment based on ingredients).

Aspiration Hazard
Product: No effects expected (assessment based on ingredients).

Other effects: None known.

12. Ecological information

Ecotoxicity:

Acute hazards to the aquatic environment:

- Fish
  Product: No effects expected (assessment based on ingredients).

- Aquatic Invertebrates
Product: No effects expected (assessment based on ingredients).

Chronic hazards to the aquatic environment:

Fish
Product: No effects expected (assessment based on ingredients).

Aquatic Invertebrates
Product: No effects expected (assessment based on ingredients).

Toxicity to Aquatic Plants
Product: No effects expected (assessment based on ingredients).

Persistence and Degradability

Biodegradation
Product: The product is not readily biodegradable.

BOD/COD Ratio
Product: No data available.

Bioaccumulative potential
Bioconcentration Factor (BCF)
Product: The product is not bioaccumulating.

Partition Coefficient n-octanol / water (log Kow)
Product: No data available.

Mobility in soil: No data available.

Known or predicted distribution to environmental compartments
Octamethylcyclotetrasiloxane No data available.

Other adverse effects: None known.

13. Disposal considerations

Disposal instructions: Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. Waste of this material should not be mixed with other waste. Provide measures such as vented bungs to ensure pressure relief in the waste container. Contaminated packages should be as empty as possible and equipped with a degassing device.

14. Transport information

This material is not subject to transport regulations.

Environmental hazards: Not regulated.

Special precautions for user: Packaging with a breathing/venting bung are FORBIDDEN for transport by air.
15. Regulatory information

US Federal Regulations

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**
None present or none present in regulated quantities.

**CERCLA Hazardous Substance List (40 CFR 302.4):**
None present or none present in regulated quantities.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories**

- [ ] Acute (Immediate)
- [X] Chronic (Delayed)
- [ ] Fire
- [ ] Reactive
- [ ] Pressure Generating

**SARA 302 Extremely Hazardous Substance**
None present or none present in regulated quantities.

**SARA 304 Emergency Release Notification**
None present or none present in regulated quantities.

**SARA 313 (TRI Reporting)**
None present or none present in regulated quantities.

**Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)**
None present or none present in regulated quantities.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):**
None present or none present in regulated quantities.

US State Regulations

**US. California Proposition 65**
No ingredient regulated by CA Prop 65 present.

**US. New Jersey Worker and Community Right-to-Know Act**
No ingredient regulated by NJ Right-to-Know Law present.

**US. Massachusetts RTK - Substance List**
No ingredient regulated by MA Right-to-Know Law present.

**US. Pennsylvania RTK - Hazardous Substances**
No ingredient regulated by PA Right-to-Know Law present.

**US. Rhode Island RTK**
No ingredient regulated by RI Right-to-Know Law present.
Inventory Status:
- US TSCA Inventory: On or in compliance with the inventory.
- Canada DSL Inventory List: On or in compliance with the inventory.
- EU EINECS List: On or in compliance with the inventory.
- Japan (ENCS) List: On or in compliance with the inventory.
- China Inv. Existing Chemical Substances: On or in compliance with the inventory.
- Korea Existing Chemicals Inv. (KECI): On or in compliance with the inventory.
- Australia AICS: On or in compliance with the inventory.
- Philippines PICCS: On or in compliance with the inventory.
- New Zealand Inventory of Chemicals: On or in compliance with the inventory.

16. Other information, including date of preparation or last revision

HMIS Hazard ID

<table>
<thead>
<tr>
<th></th>
<th>Health</th>
<th>Flammability</th>
<th>Physical Hazards</th>
<th>PERSONAL PROTECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazard</td>
<td>0</td>
<td>1</td>
<td>1</td>
<td>B</td>
</tr>
</tbody>
</table>

B - Safety Glasses & Gloves

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; RNP - Rating not possible; *Chronic health effect

NFPA Hazard ID

Flammability  Health  Reactivity  Special hazard

1  1  1

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; RNP - Rating not possible

Issue Date: 04/05/2018
Revision Date: No data available.
Version #: 10.0
Further Information:  No data available.

Disclaimer:  The information given is based on data available for the material, the components of the material, and similar materials. The information is believed to be correct. It is given in good faith. This information should be used to make an independent determination of the methods to safeguard workers and the environment.
SAFETY DATA SHEET

1. Identification

Product identifier: BLUESIL CATA 3020

Other means of identification
Synonyms: RHODORSIL CATA 3020

Recommended use and restriction on use
Recommended use: Catalyst
Restrictions on use: None known.

Manufacturer/Importer/Supplier/Distributor Information

Manufacturer
Company Name: Elkem Silicones USA Corp.
Address: 7979 Park Place Road
29745 York, SC
Telephone: +1 (803) 792-3000
Fax: +1 (803) 684-7202
Contact Person: E-mail: product.stewardship@elkem.com

Supplier
Company Name: Elkem Silicones USA Corp.
Address: Two Tower Blvd, Suite 1601
08816-1100 East Brunswick, NJ
Telephone: +1 (732) 227-2060
Fax: +1 (732) 249-7000

Emergency telephone number: +1 (800) 424-9300 CHEMTREC

2. Hazard(s) identification

Hazard Classification
Not a hazardous substance or mixture according to GHS.

Label Elements

Hazard Symbol: No symbol.
Signal Word: No signal word.
Hazard Statement: Not applicable

Precautionary Statements
Prevention: Not applicable
Response: Not applicable
Storage: Not applicable
Disposal: Not applicable
Other hazards which do not result in GHS classification: Chemical compounds containing silicon - hydrogen bonds (SiH). This product may generate hydrogen gas. For further information, refer to Section 10: "Stability and Reactivity".

3. Composition/information on ingredients

Mixtures

Composition Comments: Mixture of Polyorganosiloxanes, fillers.

4. First-aid measures

General information: For further information refer to section 8 "Exposure-controls/personal protection".

Ingestion: Do not induce vomiting. Rinse mouth thoroughly. Get medical attention if symptoms occur.

Inhalation: Under normal conditions of intended use, this material is not expected to be an inhalation hazard.

Skin Contact: Wash skin thoroughly with soap and water. Get medical attention if symptoms occur after washing.

Eye contact: In the event of contact with the eyes, rinse thoroughly with clean water for at least 15 minutes. Get medical attention if irritation persists after washing.

Most important symptoms/effects, acute and delayed

Symptoms: None known.

Hazard: No specific recommendations.

Indication of immediate medical attention and special treatment needed

Treatment: No specific recommendations.

5. Fire-fighting measures

General Fire Hazards: Water spray should be used to cool containers.

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media: Dry chemical, alcohol resistant foam or carbon dioxide (CO2).

Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this will spread the fire. Do not use alkaline powders.

Specific hazards arising from the chemical: Product will burn under fire conditions. This product may generate hydrogen gas. Vapors may form explosive mixtures with air. For further information, refer to Section 10: "Stability and Reactivity". Hazardous Decomposition Products: formaldehyde, oxides of carbon and silica.

Special protective equipment and precautions for firefighters
Special fire fighting procedures: Water spray should be used to cool containers.

Special protective equipment for fire-fighters: Firefighters should wear standard protective equipment and a positive pressure self-contained breathing apparatus (SCBA).

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures: Wear appropriate personal protective equipment. See Section 8 of the SDS for Personal Protective Equipment. Avoid contact with alkalis and caustic products. Eliminate all sources of ignition.

Methods and material for containment and cleaning up: Ventilate the area. Use non-sparking tools. Absorb with sand or other inert absorbent. Avoid contact with bases. Scrape up and place in appropriate vented container.

Notification Procedures: Caution: Contaminated surfaces may be slippery. For waste disposal, see Section 13 of the SDS.

Environmental Precautions: Do not allow to enter drains, sewers or watercourses.

7. Handling and storage

Precautions for safe handling: Provide adequate ventilation if fumes or vapors are generated. Do not mix with incompatible materials. For further information, refer to Section 10: "Stability and Reactivity". Read and follow manufacturer's recommendations.

Conditions for safe storage, including any incompatibilities: Store in original vented container. Store in a cool, dry place with adequate ventilation. Keep away from incompatible materials, open flames, and high temperatures.

8. Exposure controls/personal protection

Control Parameters

Occupational Exposure Limits None of the components have assigned exposure limits.

Appropriate Engineering Controls No specific recommendations.

Individual protection measures, such as personal protective equipment

General information: Provide sufficient ventilation during operations which cause vapor formation. This product can form formaldehyde vapors when heated to temperatures above 150 degrees C in the presence of air.

Eye/face protection: Wear approved chemical safety glasses.

Skin Protection

Hand Protection: Protective gloves are recommended.

Other: Wear suitable protective clothing.

Respiratory Protection: No protection is ordinarily required under normal conditions of use and with adequate ventilation.
Hygiene measures: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

### 9. Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties:

**Appearance**
- Physical state: Liquid
- Form: Viscous
- Color: Colorless
- Odor: Slight odor
- Odor threshold: No data available.
- pH: Not applicable
- Freezing point: No data available.
- Boiling Point: No data available.
- Flash Point: >392 °F (200 °C)
- Evaporation rate: No data available.
- Flammability (solid, gas): No data available.
  - Flammability limit - upper (%): 75 %(V)
  - Flammability limit - lower (%): 4 %(V)
- Vapor pressure: No data available.
- Vapor density: No data available.
- Relative density: 1.04 (77 °F (25 °C))
- Solubility(ies)
  - Solubility in water: Insoluble in water
  - Solubility (other): No data available.
- Partition coefficient (n-octanol/water): No data available.
- Auto-ignition temperature: No data available.
- Decomposition temperature: No data available.
- Viscosity: 200 - 600 mm2/s (77 °F (25 °C))

### 10. Stability and reactivity

**Reactivity:** No data available.

**Chemical Stability:** Material is stable under normal conditions.

**Possibility of hazardous reactions:** This product may generate hydrogen gas.

**Conditions to avoid:** Avoid heat, sparks, open flames and other ignition sources.

**Incompatible Materials:** A fire or explosion hazard arises because highly flammable gas (hydrogen) is released when it is in contact with: Strong oxidizers, strong bases and chemical compounds with mobile hydrogen, in the presence of metal salts and complexes.
Hazardous Decomposition Products: This product can form formaldehyde vapors when heated to temperatures above 150 degrees C in the presence of air. Thermal decomposition or combustion may liberate carbon oxides, other toxic gases or vapors and amorphous silica.
Quantity of hydrogen potentially released (l/kg of product): ~38

11. Toxicological information

Information on likely routes of exposure
Ingestion: No data available.
Inhalation: No data available.
Skin Contact: No data available.
Eye contact: No data available.

Symptoms related to the physical, chemical and toxicological characteristics
Ingestion: No data available.
Inhalation: No data available.
Skin Contact: No data available.
Eye contact: No data available.

Information on toxicological effects

Acute toxicity (list all possible routes of exposure)
Oral Product: ATEmix: 2,500 mg/kg
Dermal Product: No data available.
Inhalation Product: No data available.

Repeated dose toxicity Product: No data available.

Skin Corrosion/Irritation Product: No data available.

Serious Eye Damage/Eye Irritation Product: No data available.

Respiratory or Skin Sensitization Product: No data available.

Carcinogenicity Product: No data available.
IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:  
No carcinogenic components identified

US. National Toxicology Program (NTP) Report on Carcinogens:  
No carcinogenic components identified

No carcinogenic components identified

Germ Cell Mutagenicity

In vitro  
Product: No data available.

In vivo  
Product: No data available.

Reproductive toxicity  
Product: No data available.

Specific Target Organ Toxicity - Single Exposure  
Product: No data available.

Specific Target Organ Toxicity - Repeated Exposure  
Product: No data available.

Aspiration Hazard  
Product: No data available.

Other effects: No data available.

12. Ecological information

Ecotoxicity:

Acute hazards to the aquatic environment:

Fish  
Product: No data available.

Aquatic Invertebrates  
Product: No data available.

Chronic hazards to the aquatic environment:

Fish  
Product: No data available.

Aquatic Invertebrates  
Product: No data available.

Toxicity to Aquatic Plants  
Product: No data available.

Persistence and Degradability

Biodegradation  
Product: No data available.
BOD/COD Ratio
Product: No data available.

Bioaccumulative potential
Bioconcentration Factor (BCF)
Product: No data available.

Partition Coefficient n-octanol / water (log Kow)
Product: No data available.

Mobility in soil: No data available.

Other adverse effects: No data available.

13. Disposal considerations

Disposal instructions: Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. Contaminated packages should be as empty as possible. Waste of this material should not be mixed with other waste. Provide measures such as vented bungs to ensure pressure relief in the waste container.

14. Transport information

This material is not subject to transport regulations.

Environmental hazards: Not regulated.

Special precautions for user: Packaging with a breathing/venting bung are FORBIDDEN for transport by air.

15. Regulatory information

US Federal Regulations

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
None present or none present in regulated quantities.

CERCLA Hazardous Substance List (40 CFR 302.4):
None present or none present in regulated quantities.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

☐ Acute (Immediate) ☐ Chronic (Delayed) ☐ Fire ☒ Reactive ☐ Pressure Generating

SARA 302 Extremely Hazardous Substance
None present or none present in regulated quantities.

SARA 304 Emergency Release Notification
None present or none present in regulated quantities.
SARA 313 (TRI Reporting)
None present or none present in regulated quantities.

Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)
None present or none present in regulated quantities.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):
None present or none present in regulated quantities.

US State Regulations

US. California Proposition 65
No ingredient regulated by CA Prop 65 present.

US. New Jersey Worker and Community Right-to-Know Act
No ingredient regulated by NJ Right-to-Know Law present.

US. Massachusetts RTK - Substance List
No ingredient regulated by MA Right-to-Know Law present.

US. Pennsylvania RTK - Hazardous Substances
No ingredient regulated by PA Right-to-Know Law present.

US. Rhode Island RTK
No ingredient regulated by RI Right-to-Know Law present.
Inventory Status:
Australia AICS: On or in compliance with the inventory.
Canada DSL Inventory List: On or in compliance with the inventory.
EU EINECS List: On or in compliance with the inventory.
Japan (ENCS) List: On or in compliance with the inventory.
China Inv. Existing Chemical Substances: On or in compliance with the inventory.
Korea Existing Chemicals Inv. (KECI): On or in compliance with the inventory.
Philippines PICCS: On or in compliance with the inventory.
US TSCA Inventory: On or in compliance with the inventory.
New Zealand Inventory of Chemicals: On or in compliance with the inventory.

16. Other information, including date of preparation or last revision

HMIS Hazard ID

<table>
<thead>
<tr>
<th>Health</th>
<th>Flammability</th>
<th>Physical Hazards</th>
<th>Personal Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>1</td>
<td>B</td>
</tr>
</tbody>
</table>

B - Safety Glasses & Gloves

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; RNP - Rating not possible; *Chronic health effect

NFPA Hazard ID

Flammability 1
Health 1
Reactivity 1
Special hazard.

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; RNP - Rating not possible

Issue Date: 10/03/2017
Revision Date: No data available.
Version #: 3.1
Further Information: No data available.

Disclaimer: The information given is based on data available for the material, the components of the material, and similar materials. The information is believed to be correct. It is given in good faith. This information should be used to make an independent determination of the methods to safeguard workers and the environment.