

## Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 08/15/2019

Reviewed on 08/15/2019

### 1 Identification

- **Product Identifier**
- **Trade Name:** SIL-FLEX RTV 7565 - Red
- **Relevant identified uses of the substance or mixture and uses advised against:**
- **Product Description:** Silicone Sealant
- **Details of the Supplier of the Safety Data Sheet:**
- **Manufacturer/Supplier:**  
Silco Inc.  
7635 St. Clair Avenue  
Mentor, OH 44060  
Phone: 440-975-8886  
Fax: 440-975-8887
- **Emergency telephone number:** 440-975-8886

### 2 Hazard(s) Identification

- **Classification of the substance or mixture:**



Health hazard

Carc. 2      H351 Suspected of causing cancer.



Skin Sens. 1 H317 May cause an allergic skin reaction.

- **Label elements:**
- **Hazard pictograms:**



- **Signal word:** Warning
- **Hazard-determining components of labeling:**  
2-butanone oxime
- **Hazard statements:**  
H317 May cause an allergic skin reaction.  
H351 Suspected of causing cancer.
- **Precautionary statements:**  
P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P261 Avoid breathing dust/fume/gas/mist/vapors/spray.  
P272 Contaminated work clothing must not be allowed out of the workplace.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P302+P352 If on skin: Wash with plenty of water.  
P308+P313 IF exposed or concerned: Get medical advice/attention.  
P321 Specific treatment (see supplementary first aid instructions on this Safety Data Sheet).  
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
P363 Wash contaminated clothing before reuse.  
P405 Store locked up.  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

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· **Unknown acute toxicity:**

This value refers to knowledge of known, established toxicological or ecotoxicological values.  
0 % of the mixture consists of component(s) of unknown toxicity.

· **Classification system:** NFPA/HMIS Definitions: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme

· **NFPA ratings (scale 0 - 4)**



· **HMIS-ratings (scale 0 - 4)**

|            |   |                     |
|------------|---|---------------------|
| HEALTH     | 0 | Health = 0          |
| FIRE       | 1 | Fire = 1            |
| REACTIVITY | 0 | Physical Hazard = 0 |

· **Hazard(s) not otherwise classified (HNOC):** None known

### 3 Composition/Information on Ingredients

· **Chemical characterization: Mixtures**

· **Description:** Non-Regulated Material

· **Dangerous Components:**

|                  |   |       |
|------------------|---|-------|
| CAS: 96-29-7     | 2-butanone oxime  | ≤2.5% |
| RTECS: EL9275000 | ☠ Carc. 2, H351; ☠ Eye Dam. 1, H318; ⚠ Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Sens. 1, H317; Flam. Liq. 4, H227 |       |

· **Additional information:**

The exact percentages of the ingredients of this mixture are considered to be proprietary and are withheld in accordance with the provisions of paragraph (i) of §1910.1200 of 29 CFR 1910.1200 Trade Secrets.

### 4 First-Aid Measures

· **Description of first aid measures**

· **After inhalation:** Supply fresh air; consult doctor in case of complaints.

· **After skin contact:**

If skin irritation occurs, consult a doctor.

Wash with soap and water.

· **After eye contact:**

Rinse opened eye for several minutes under running water.

If eye irritation occurs, consult a doctor.

· **After swallowing:** If swallowed and symptoms occur, consult a doctor.

· **Information for doctor**

· **Most important symptoms and effects, both acute and delayed:** No further relevant information available.

· **Indication of any immediate medical attention and special treatment needed:**

No further relevant information available.

### 5 Fire-Fighting Measures

· **Extinguishing media**

· **Suitable extinguishing agents:**

CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

· **For safety reasons unsuitable extinguishing agents:** No further relevant information.

· **Special hazards arising from the substance or mixture:** No further relevant information available.

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- **Advice for firefighters**
- **Special protective equipment for firefighters:**  
As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent) and full protective gear to prevent contact with skin and eyes.

### 6 Accidental Release Measures

- **Personal precautions, protective equipment and emergency procedures:** Not required.
- **Environmental precautions:** Do not allow to enter sewers/surface or ground water.
- **Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (i.e. sand, diatomite, acid binders, universal binders, sawdust).  
Dispose of the collected material according to regulations.
- **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.
- **Protective Action Criteria for Chemicals**

|                 |                              |                         |
|-----------------|------------------------------|-------------------------|
| · <b>PAC-1:</b> |                              |                         |
| 96-29-7         | 2-butanone oxime             | 30 ppm                  |
| 556-67-2        | Octamethylcyclotetrasiloxane | 30 ppm                  |
| 13463-67-7      | Titanium Dioxide             | 30 mg/m <sup>3</sup>    |
| · <b>PAC-2:</b> |                              |                         |
| 96-29-7         | 2-butanone oxime             | 56 ppm                  |
| 556-67-2        | Octamethylcyclotetrasiloxane | 68 ppm                  |
| 13463-67-7      | Titanium Dioxide             | 330 mg/m <sup>3</sup>   |
| · <b>PAC-3:</b> |                              |                         |
| 96-29-7         | 2-butanone oxime             | 250 ppm                 |
| 556-67-2        | Octamethylcyclotetrasiloxane | 130 ppm                 |
| 13463-67-7      | Titanium Dioxide             | 2,000 mg/m <sup>3</sup> |

### 7 Handling and Storage

- **Handling**
- **Precautions for safe handling:** No special precautions are necessary if used correctly.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **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 section 7.

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· **Control parameters:**

· **Components with occupational exposure limits:**

**96-29-7 2-butanone oxime**

|      |                         |
|------|-------------------------|
| WEEL | Long-term value: 10 ppm |
|      | DSEN                    |

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

· **Exposure controls:**

· **Personal protective equipment**

· **General protective and hygienic measures:**

The usual precautionary measures for handling chemicals should be followed.  
Wash hands before breaks and at the end of work.

· **Breathing equipment:** Not required.

· **Protection of hands:**



Protective gloves

· **Material of gloves:**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material:**

The exact break-through time has to be determined and observed by the manufacturer of the protective gloves.

· **Eye protection:**



Goggles recommended during refilling.

· **Limitation and supervision of exposure into the environment:** None

### \* 9 Physical and Chemical Properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

**Form:** Paste

**Color:** Red

· **Odor:** Oxime

· **Odor threshold:** No data available

· **pH-value:** Not applicable.

· **Change in condition**

**Melting point/Melting range:** Not determined.

**Boiling point/Boiling range:** Not determined.

· **Flash point:** 96 °C (204.8 °F)

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- **Flammability (solid, gaseous):** Not applicable.
- **Ignition temperature:** Not applicable
- **Decomposition temperature:** Not determined.
- **Auto igniting:** Product is not self-igniting.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Explosion limits:**
  - Lower:** Not determined.
  - Upper:** Not determined.
- **Vapor pressure:** Negligible (25°C)
- **Density:**
  - Relative density @ 25 °C (77 °F):** 1.04
  - Vapor density:** >1 (Air=1)
  - Evaporation rate:** <1 (n-Butyl Acetate =1)
- **Solubility in / Miscibility with:**
  - Water:** Not miscible or difficult to mix.
- **Partition coefficient (n-octanol/water):** Not Applicable
- **Viscosity:**
  - Dynamic:** Not determined.
  - Kinematic:** Not determined.
- **Solvent content:**
- **VOC content:** 40 g/l
- **Other information:** No further relevant information available.

### 10 Stability and Reactivity

- **Reactivity:** No further relevant information available.
- **Chemical stability:**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid:** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

### 11 Toxicological Information

- **Information on toxicological effects:**
- **Acute toxicity:**

- **LD/LC50 values that are relevant for classification:**

#### 96-29-7 2-butanone oxime

|            |          |                       |
|------------|----------|-----------------------|
| Oral       | LD50     | 3,700 mg/kg (Rat)     |
| Dermal     | LD50     | 200-2,000 mg/kg (Rat) |
| Inhalative | LC50/4 h | 20 mg/l (Rat)         |

- **Primary irritant effect:**
- **On the skin:** May cause an allergic skin reaction.
- **On the eye:** No irritating effect.

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- **Additional toxicological information:**
- **Carcinogenic categories:**
- **IARC (International Agency for Research on Cancer):**
  - Group 1 - Carcinogenic to humans
  - Group 2A - Probably carcinogenic to humans
  - Group 2B - Possibly carcinogenic to humans
  - Group 3 - Not classifiable as to its carcinogenicity to humans
  - Group 4 - Probably not carcinogenic to humans

|            |                  |    |
|------------|------------------|----|
| 13463-67-7 | Titanium Dioxide | 2B |
|------------|------------------|----|

· **NTP (National Toxicology Program):**

None of the ingredients are listed.

· **OSHA-Ca (Occupational Safety & Health Administration):**

None of the ingredients are listed.

### 12 Ecological Information

· **Toxicity:**

· **Aquatic toxicity:**

**96-29-7 2-butanone oxime**

|      |                         |
|------|-------------------------|
| EC50 | 11.8 mg/l (Green algae) |
|      | 201 mg/l (Daphnia)      |

- **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:**

Do not allow undiluted product or product that has not been neutralized to reach ground water, water course or sewage system.
- **Results of PBT and vPvB assessment:**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects:** No further relevant information available.

### 13 Disposal Considerations

- **Waste treatment methods**
- **Recommendation:**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Observe all federal, state and local environmental regulations when disposing of this material.
- **Uncleaned packaging**
- **Recommendation:** Disposal must be made according to official regulations.

### 14 Transport Information

- **UN-Number:**
- **DOT, ADR/ADN, IMDG, IATA** Non-Regulated Material
- **UN proper shipping name:**
- **DOT, ADR/ADN, IMDG, IATA** Non-Regulated Material

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- **Transport hazard class(es):**
- **DOT, ADR/ADN, ADN, IMDG, IATA**
- **Class:** Non-Regulated Material
- **Packing group:**
- **DOT, ADR/ADN, IMDG, IATA** Non-Regulated Material
- **Environmental hazards:** Not applicable.
- **Special precautions for user:** Not applicable.
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** Not applicable.
- **UN "Model Regulation":** Non-Regulated Material

## 15 Regulatory Information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture:**
- **SARA (Superfund Amendments and Reauthorization):**

|  |  |
|--|--|
| · <b>Section 355 (extremely hazardous substances):</b> |  |
| None of the ingredients are listed.                    |  |

|  |  |
|--|--|
| · <b>Section 313 (Specific toxic chemical listings):</b> |  |
| None of the ingredients are listed.                      |  |

|   |                              |        |
|---|------------------------------|--------|
| · <b>TSCA (Toxic Substances Control Act):</b> |                              |        |
| 96-29-7                                       | 2-butanone oxime             | ACTIVE |
| 556-67-2                                      | Octamethylcyclotetrasiloxane | ACTIVE |
| 13463-67-7                                    | Titanium Dioxide             | ACTIVE |

|                                     |  |
|-------------------------------------|--|
| · <b>Hazardous Air Pollutants</b>   |  |
| None of the ingredients are listed. |  |

|   |                  |
|---|------------------|
| · <b>California Proposition 65:</b>       |                  |
| · <b>Chemicals known to cause cancer:</b> |                  |
| 13463-67-7                                | Titanium Dioxide |

|  |  |
|--|--|
| · <b>Chemicals known to cause reproductive toxicity for females:</b> |  |
| None of the ingredients are listed.                                  |  |

|  |  |
|--|--|
| · <b>Chemicals known to cause reproductive toxicity for males:</b> |  |
| None of the ingredients are listed.                                |  |

|   |  |
|---|--|
| · <b>Chemicals known to cause developmental toxicity:</b> |  |
| None of the ingredients are listed.                       |  |

|   |                  |
|---|------------------|
| · <b>New Jersey Right-to-Know List:</b> |                  |
| 13463-67-7                              | Titanium Dioxide |

|   |  |
|---|--|
| · <b>New Jersey Special Hazardous Substance List:</b> |  |
| None of the ingredients are listed.                   |  |

|   |                  |
|---|------------------|
| · <b>Pennsylvania Right-to-Know List:</b> |                  |
| 13463-67-7                                | Titanium Dioxide |

|   |  |
|---|--|
| · <b>Pennsylvania Special Hazardous Substance List:</b> |  |
| None of the ingredients are listed.                     |  |

- **Carcinogenic categories:**

|   |  |
|---|--|
| · <b>EPA (Environmental Protection Agency):</b> |  |
| None of the ingredients are listed.             |  |

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|  |                  |    |
|--|------------------|----|
| · <b>TLV (Threshold Limit Value established by ACGIH):</b> |                  |    |
| 13463-67-7   | Titanium Dioxide | A4 |

|  |                  |  |
|--|------------------|--|
| · <b>NIOSH-Ca (National Institute for Occupational Safety and Health):</b> |                  |  |
| 13463-67-7   | Titanium Dioxide |  |

· **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

· **Hazard pictograms:**



· **Signal word:** Warning

· **Hazard-determining components of labeling:**

2-butanone oxime

· **Hazard statements:**

H317 May cause an allergic skin reaction.

H351 Suspected of causing cancer.

· **Precautionary statements:**

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.

P272 Contaminated work clothing must not be allowed out of the workplace.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 If on skin: Wash with plenty of water.

P308+P313 IF exposed or concerned: Get medical advice/attention.

P321 Specific treatment (see supplementary first aid instructions on this Safety Data Sheet).

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P363 Wash contaminated clothing before reuse.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **National regulations:**

None of the ingredients are listed.

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### 16 Other Information

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied, and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose.

· **Date of last revision/ revision number:** 08/15/2019 / 3

· **Abbreviations and acronyms:**

ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road

ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)



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VOC: Volatile Organic Compounds (USA, EU)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative  
NIOSH: National Institute for Occupational Safety and Health  
OSHA: Occupational Safety & Health Administration  
TLV: Threshold Limit Value  
PEL: Permissible Exposure Limit  
REL: Recommended Exposure Limit  
Flam. Liq. 4: Flammable liquids – Category 4  
Acute Tox. 4: Acute toxicity – Category 4  
Eye Dam. 1: Serious eye damage/eye irritation – Category 1  
Skin Sens. 1: Skin sensitisation – Category 1  
Carc. 2: Carcinogenicity – Category 2

**\* Data compared to the previous version altered.**

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