



## GAP PROFESSIONAL PRODUCTS

### Safety Data Sheet RTV Red Silicone

#### SECTION 1: Identification

##### 1.1 Product identifier

Product name RTV Red Silicone

Product number 67606

##### 1.3 Recommended use of the chemical and restrictions on use

Silicone gasket maker

##### 1.4 Supplier's details

Name GAP Professional Products  
Address 122 Route 105  
Keswick Ridge NB E6L 1B1  
Canada

Telephone (506) 363-9708  
Fax (506) 363-4241  
email info@gapauto.com

##### 1.5 Emergency phone number(s)

For Medical or Transport Emergencies / Pour les urgences médicales ou de transport  
CANUTEC (24 Hours)  
(613) 996-6666

#### SECTION 2: Hazard identification

##### 2.1 Classification of the substance or mixture

###### GHS classification in accordance with: WHMIS 2015

- Skin corrosion/irritation, Cat. 2
- Serious eye damage/eye irritation, Cat. 2A
- Gases under pressure, liquefied gas

# Safety Data Sheet

## RTV Red Silicone

### 2.2 GHS label elements, including precautionary statements

#### Pictogram



1. Exclamation mark; 2. Gas cylinder

#### Signal word

#### Warning

#### Hazard statement(s)

H280

Contains gas under pressure; may explode if heated

H315

Causes skin irritation

H319

Causes serious eye irritation

#### Precautionary statement(s)

P264

Wash ... thoroughly after handling.

P280

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

P302+P352

IF ON SKIN: Wash with plenty of water/...

P321

Specific treatment (see ... on this label).

P332+P313

If skin irritation occurs: Get medical advice/attention.

P362+P364

Take off contaminated clothing and wash it before reuse.

P305+P351+P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313

If eye irritation persists: Get medical advice/attention.

P410+P403

Protect from sunlight. Store in a well-ventilated place.

P271

Use only outdoors or in a well-ventilated area.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Hazardous components

Component	Concentration
<b>Silicone Dioxide (CAS no.: 60676-86-0)</b> CLASSIFICATIONS: No data available. HAZARDS: No data available.	<= 7.5 % (weight)
<b>Titanium Dioxide</b> CLASSIFICATIONS: No data available. HAZARDS: No data available.	<= 2.5 % (weight)
<b>Aluminum</b> CLASSIFICATIONS: No data available. HAZARDS: No data available.	<= 1.5 % (weight)

## SECTION 4: First-aid measures

### 4.1 Description of necessary first-aid measures

#### General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

## Safety Data Sheet RTV Red Silicone

If inhaled	If affected, remove individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Keep person warm, quiet, and get medical attention
In case of skin contact	Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Remove contact lens if present. Continue rinsing eyes during transport to hospital.
If swallowed	DO NOT INDUCE VOMITING. Call physician immediately. If conscious give lots of water or milk. Do not give anything by mouth to an unconscious or convulsing person.
Personal protective equipment for first-aid responders	Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Avoid contact with skin, eyes or clothing. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Wear personal protective clothing (see section 8).

### 4.3 Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically.

## SECTION 5: Fire-fighting measures

### 5.1 Suitable extinguishing media

Regular foam, waterfog, carbon dioxide or dry chemical. Keep containers cool with water spray using fog nozzles.

### 5.2 Specific hazards arising from the chemical

None in particular

### 5.3 Special protective actions for fire-fighters

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

#### Further information

Use water spray to cool unopened containers.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation, especially in confined areas. Avoid contact with eyes and skin. Use personal protective equipment as required.

### 6.2 Environmental precautions

Should not be released into the environment. See Section 12 for additional ecological information.

### 6.3 Methods and materials for containment and cleaning up

Prevent further leakage or spillage if safe to do so.

Methods for cleaning up:

## Safety Data Sheet

### RTV Red Silicone

Small spills - Spilled product will solidify. Scrape product and clean contaminated surface thoroughly. Dispose materials in appropriate containers.

For large spills - Use personal protective equipment as required. Dam up. Cover liquid spill with sand, earth or other non-combustible absorbent material. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly.

#### SECTION 7: Handling and storage

##### 7.1 Precautions for safe handling

Put on appropriate personal equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Keep in original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Keep away from acids. Empty containers retain product residue and can be hazardous. Do not reuse container. Wash thoroughly after handling.

##### 7.2 Conditions for safe storage, including any incompatibilities

Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials(see Section 10) and food and drink. Do not store under freezing conditions or above 49 C (120 F). Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. . Keep out of reach from children.

##### Specific end use(s)

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking.

#### SECTION 8: Exposure controls/personal protection

##### 8.1 Control parameters

###### 1. Silica, fused, respirable dust (CAS: 60676-86-0)

PEL (Inhalation): See Annotated Z-3 ppm (OSHA)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

PEL (Inhalation): See Annotated Z-3 mg/m<sup>3</sup> (OSHA)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

PEL (Inhalation): See Annotated Z-3 (Cal/OSHA)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

REL (Inhalation): See Annotated Z-3 (NIOSH)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

###### 2. Titanium Dioxide (CAS: 13463-67-7)

TWA (Inhalation): 15mg/m<sup>3</sup> (OSHA)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

TWA (Inhalation): 10mg/m<sup>3</sup> (ACGIH)

###### 3. Aluminum (CAS: 7429-90-5)

TWA (Inhalation): 5mg/m<sup>3</sup> (NIOSH)

TWA (Inhalation): 5mg/m<sup>3</sup> (NIOSH)

TWA (Inhalation): 15mg/m<sup>3</sup> (aluminum) (OSHA)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

TWA (Inhalation): 5mg/m<sup>3</sup> (aluminum) (OSHA)

# Safety Data Sheet

## RTV Red Silicone

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

TWA (Inhalation): 5mg/m<sup>3</sup> (aluminum) (NIOSH)

TWA (Inhalation): 1mg/m<sup>3</sup> (aluminum) (ACGIH)

### 8.2 Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Showers, eyewash stations, and ventilation systems should be present and in good working order. Wash hands before breaks and at the end of workday.

### 8.3 Individual protection measures, such as personal protective equipment (PPE)

#### Eye/face protection

Wear safety glasses with side shields (or goggles).

#### Skin protection

Wear protective natural rubber, nitrile rubber, Neoprene™ or PVC gloves.

#### Body protection

Skin Protection: Protective gloves (for hands). Long sleeve shirts and pants should be worn to protect exposed skin.

#### Respiratory protection

Recommended: Dust mask or Respirator should be worn if product is used in confined space or used for a prolonged period of time.

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Red paste
Odor	Acetic acid
Odor threshold	N/A
pH	N/A
Melting point/freezing point	N/A
Initial boiling point and boiling range	> 35 °C / 95 °F
Flash point	> 93 °C (> 199.4 °F)
Evaporation rate	N/A
Flammability (solid, gas)	N/A
Upper/lower flammability limits	Inférieur: 4% (acide acétique) Tige: 19,9% (acide acétique)
Upper/lower explosive limits	N/A
Vapor pressure	13 hPa (21 °C (69.8 °F))
Vapor density	Heavier than air
Relative density	1.007
Solubility(ies)	Not soluble. Polymerizes in presence of water.
Partition coefficient: n-octanol/water	N/A
Auto-ignition temperature	N/A
Decomposition temperature	N/A
Viscosity	Thick Paste
Explosive properties	N/A
Oxidizing properties	N/A

## SECTION 10: Stability and reactivity

## Safety Data Sheet RTV Red Silicone

### 10.1 Reactivity

None under normal use conditions.

### 10.2 Chemical stability

Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

None under normal use conditions

### 10.4 Conditions to avoid

Heat, flames and sparks.

### 10.5 Incompatible materials

Avoid contact with acids and strong oxidizers such as permanganate, chlorine, ectoderm. Do not store near acids, carbon dioxide (CO<sub>2</sub>), and strong oxidizers such as permanganate, chlorine, ectoderm.

-----

Acetone: Bases, Oxidizing agents, Reducing agents, Acetone reacts violently with phosphorous oxychloride.

### 10.6 Hazardous decomposition products

After water evaporates, burning may produce oxides of carbon, traces of sulfur and nitrogen oxides and various hydrocarbons

## SECTION 11: Toxicological information

### Information on toxicological effects

#### Acute toxicity

Silicone Dioxide:

Acute oral toxicity - LD50 (Rat) > 3,300 mg/kg

Acute inhalation toxicity - LC50 (Rat) > 2.08 mg/l Exposure time: 4h

Acute dermal toxicity - LD50 (Rabbit) >5,000 mg/kg

Titanium Dioxide:

Acute oral toxicity - LD50 (Rat) > 5,000 mg/kg

Acute inhalation toxicity - LC50 (Rat) > 6.82 mg/l Exposure time: 4h

Aluminum:

Acute dermal toxicity - LD50 (Rabbit) >5,000 mg/kg

Acute inhalation toxicity - LC50 (Rat) > 0.888 mg/l Exposure time: 4h

#### Skin corrosion/irritation

May cause skin irritation and/or dermatitis.

#### Serious eye damage/irritation

Can cause severe irritation, redness, tearing, blurred vision.

#### Respiratory or skin sensitization

## Safety Data Sheet RTV Red Silicone

Excessive inhalation of vapors can cause nasal and respiratory irritation and central nervous system effects including dizziness, weakness, fatigue, nausea, headache and possible unconsciousness.

### Germ cell mutagenicity

No data available

### Carcinogenicity

Carcinogenicity: Not classified based on available information.

### Reproductive toxicity

No data available

### Summary of evaluation of the CMR properties

No data available

### STOT-single exposure

Primary route of entry: A) Skin B) Inhalation

### STOT-repeated exposure

Pre-existing skin, eye and respiratory disorders may be aggravated by exposure to product.

### Additional information

-----

GLASS, GROUND: ROUTE OF EXPOSURE

Skin Contact: May cause skin irritation.

Skin Absorption: May be harmful if absorbed through the skin.

Eye Contact: May cause eye irritation.

Inhalation: Material may be irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled.

Ingestion: May be harmful if swallowed.

TARGET ORGAN(S) OR SYSTEM(S)

Lungs.

SIGNS AND SYMPTOMS OF EXPOSURE

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

CHRONIC EXPOSURE - CARCINOGEN

Result: This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification.

Species: Rat

Route of Application: Implant

Dose: 400 MG/KG

Result: Gastrointestinal:Tumors. Tumorigenic:Tumors at site or application. Tumorigenic:Equivocal tumorigenic agent by RTECS criteria.

IARC CARCINOGEN LIST

Rating: Group 3

NTP CARCINOGEN LIST

Rating: Known to be carcinogenic.

## SECTION 12: Ecological information

# Safety Data Sheet

## RTV Red Silicone

### Toxicity

ECOTOXICOLOGICAL INFORMATION: Not Available ENVIRONMENTAL DATA: No known significant effects or critical hazards

ECOTOXICOLOGICAL INFORMATION: Not Available

### Persistence and degradability

No information available.

### Bioaccumulative potential

No information available.

### Mobility in soil

No information available.

### Results of PBT and vPvB assessment

No information available.

### Other adverse effects

No information available.

## SECTION 13: Disposal considerations

### Disposal of the product

Dispose of accordance in local, and provincial regulations for solvent materials.

### Disposal of contaminated packaging

Disposal should be in accordance with applicable regional, national and local laws and regulations.

## SECTION 14: Transport information

14.1	UN Number	None
14.2	UN Proper Shipping Name	None
14.3	Transport hazard class(es)	None
14.4	Packing group	None
14.5	Environmental hazards	None
14.6	Special precautions for user	None
14.7	Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	None

## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations specific for the product in question

#### New Jersey Right To Know Components

Common name: SILICA, FUSED

CAS number: 60676-86-0

## SECTION 16: Other information

### 16.1 Further information/disclaimer



## **Safety Data Sheet**

### **RTV Red Silicone**

These SDS are written in an effort to provide information to the worker in the workplace and in such a way it can be understood. To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

#### **16.2 Preparation information**

Prepared by: C. Gourley