

# Safety Data Sheet

According to Canadian Hazardous Products Regulations and WHMIS 2015

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Hi Temp RTV

## SECTION 1: Identification

### Product identifier

**Product name:** Hi Temp RTV

**Product code:** 31314CAN, 31914CAN



### Recommended use of the product and restriction on use

**Relevant identified uses:** Not determined or not applicable.

**Uses advised against:** Not determined or not applicable.

**Reasons why uses advised against:** Not determined or not applicable.

### Manufacturer or supplier details

#### Manufacturer:

#### North America

J-B Weld Company, LLC  
400 CMH Road  
Sulphur Springs, TX 75482  
903-885-7696  
info@jbweld.com

### Emergency telephone number:

#### North America

InfoTrac  
1-800-535-5053 (24 hour)

## SECTION 2: Hazard identification

### GHS classification:

Carcinogenicity, category 1B

Skin irritation, category 2

Eye irritation, category 2A

### Label elements

#### Hazard pictograms:



**Signal word:** Danger

### Hazard statements:

H350 May cause cancer.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

### Precautionary statements:

P201 Obtain special instructions before use.

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

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P264 Wash skin thoroughly after handling.

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

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

P321 Specific treatment (see supplemental first aid instructions on this label).

P302+P352 IF ON SKIN: Wash with plenty of water/soap.

P362+P364 Take off contaminated clothing and wash it before reuse.

P332+P313 If skin irritation occurs: Get medical advice/attention

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

P405 Store locked up.

P501 Dispose of contents/container in accordance with local regulation.

**Hazards not otherwise classified:** None

### SECTION 3: Composition/information on ingredients

Identification	Name	Weight %
CAS number: 1317-65-3	Limestone	10-30
CAS number: 7631-86-9	Silicon Dioxide	3-7
CAS number: 64742-46-7	Distillates (petroleum), hydrotreated medium	3-7
CAS number: 4253-34-3	Methylsilanetriyl triacetate	0.5-1.5
CAS number: 17689-77-9	Triacetoxymethylsilane	0.5-1.5

#### Additional Information:

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret in accordance with the Canadian Hazardous Products Regulation and WHMIS 2015.

### SECTION 4: First-aid measures

#### Description of first-aid measures

##### General notes:

Not determined or not available.

##### After inhalation:

If inhaled, remove person to fresh air and place in a position comfortable for breathing. Keep person at rest. If breathing is difficult, administer oxygen. If breathing has stopped, provide artificial respiration. If experiencing respiratory symptoms, seek medical advice/attention

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#### After skin contact:

Remove contaminated clothing and shoes. Rinse skin with copious amounts of water [shower] for several minutes. Launder contaminated clothing before reuse. If symptoms develop or persist, seek medical advice/attention

#### After eye contact:

Rinse eyes with plenty of water for several minutes. Remove contact lenses if present and easy to do so. Protect unexposed eye. If symptoms develop or persist, seek medical advice/attention

#### After ingestion:

If swallowed, DO NOT induce vomiting unless told to do so by a physician or poison control center. Rinse mouth with water. Never give anything by mouth to an unconscious person. If spontaneous vomiting occurs, place on the left side with head down to prevent aspiration of liquid into the lungs. If symptoms develop or persist, seek medical advice/attention

#### Most important symptoms and effects, both acute and delayed

##### Acute symptoms and effects:

Skin contact may result in redness, pain, burning and inflammation

Eye contact may result in irritation, redness, pain, inflammation, itching, burning and tearing

##### Delayed symptoms and effects:

Exposure may cause cancer. Effects are dependent on exposure (dose, concentration, contact time)

#### Immediate medical attention and special treatment

##### Specific treatment:

Not determined or not available.

##### Notes for the doctor:

Treat symptomatically

### SECTION 5: Fire-fighting measures

#### Extinguishing media

##### Suitable extinguishing media:

Use appropriate fire suppression agents for adjacent combustible materials or sources of ignition

##### Unsuitable extinguishing media:

Not determined or not applicable.

#### Specific hazards during fire-fighting:

Thermal decomposition can lead to release of irritating gases and vapors

#### Special protective equipment for firefighters:

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode

#### Special precautions:

Not determined or not applicable.

### SECTION 6: Accidental release measures

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

Ensure adequate ventilation

Ensure air handling systems are operational

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Wear protective eye wear, gloves and clothing

#### Environmental precautions:

Should not be released into the environment

Prevent from reaching drains, sewer or waterway

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

Wear protective eye wear, gloves and clothing

Absorb with non-combustible liquid-binding material (sand, diatomaceous earth (clay), acid binders, universal binders)

Dispose of contents / container in accordance with local regulations

#### Reference to other sections:

Not determined or not applicable.

### SECTION 7: Handling and storage

#### Precautions for safe handling:

Use only with adequate ventilation.

Avoid breathing mist or vapor.

Do not eat, drink, smoke or use personal products when handling chemical substances.

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

Keep container tightly sealed.

Protect from freezing and physical damage.

Store in a cool, well-ventilated area.

### SECTION 8: Exposure controls/personal protection

Only those substances with limit values have been included below.

#### Occupational Exposure limit values:

Country (Legal Basis)	Substance	Identifier	Permissible concentration
Canada	Limestone	1317-65-3	Alberta TWA 8-hr: 10 mg/m <sup>3</sup>
	Limestone	1317-65-3	British Columbia TWA 8-hr: 10 mg/m <sup>3</sup> (Total dust); 3 mg/m <sup>3</sup> (Respirable fraction)
	Limestone	1317-65-3	British Columbia STEL 15-min: 20 mg/m <sup>3</sup>
	Limestone	1317-65-3	Quebec TWA 8-hr: 10 mg/m <sup>3</sup>
	Limestone	1317-65-3	Saskatchewan TWA 8-hr: 10 mg/m <sup>3</sup> ; STEL 15-min: 20 mg/m <sup>3</sup>
	Silicon Dioxide	7631-86-9	British Columbia OELs - 8-Hour TWA Exposure Value: 4 mg/m <sup>3</sup> (Silica, amorphous, precipitated and gel, Total)
	Silicon Dioxide	7631-86-9	British Columbia OELs - 8-Hour TWA Exposure Value: 1.5 mg/m <sup>3</sup> (Silica, amorphous, precipitated and gel, Respirable)

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Country (Legal Basis)	Substance	Identifier	Permissible concentration
	Silicon Dioxide	7631-86-9	Quebec OELs - 8-Hour TWA Exposure Value: 6 mg/m <sup>3</sup> (Respirable dust)
	Distillates (petroleum), hydrotreated medium	64742-46-7	Alberta OELs - 8-Hour TWA Exposure Limit: 5 mg/m <sup>3</sup> (Oil mist, mineral)
	Distillates (petroleum), hydrotreated medium	64742-46-7	Alberta OELs - 15-minute STEL: 10 mg/m <sup>3</sup> (Oil mist, mineral)
	Distillates (petroleum), hydrotreated medium	64742-46-7	Alberta OELs - 8-Hour TWA Exposure Limit: 400 ppm (1590 mg/m <sup>3</sup> ) [Naphtha (Rubber solvent)]
	Distillates (petroleum), hydrotreated medium	64742-46-7	British Columbia OELs - 8-Hour TWA Exposure Value: 1 mg/m <sup>3</sup> (Oil mist - Mineral, severely refined)
	Distillates (petroleum), hydrotreated medium	64742-46-7	Manitoba OELs - 8-Hour Exposure Limit (TLV-TWA): 5 mg/m <sup>3</sup> (Mineral oil, excluding metal working fluids, pure, highly and severely refined; Inhalable fraction)
	Distillates (petroleum), hydrotreated medium	64742-46-7	Ontario OELs - 8-Hour TWA Exposure Value: 5 mg/m <sup>3</sup> (Mineral oil, excluding metal working fluids, pure, highly and severely refined; Inhalable fraction)
	Distillates (petroleum), hydrotreated medium	64742-46-7	Quebec OELs - 8-Hour TWA Exposure Value: 400 ppm (1590 mg/m <sup>3</sup> )
	Distillates (petroleum), hydrotreated medium	64742-46-7	Quebec OELs - 8-Hour TWA Exposure Value: 5 mg/m <sup>3</sup>
	Distillates (petroleum), hydrotreated medium	64742-46-7	Quebec OELs - 15-minute STEL: 10 mg/m <sup>3</sup>
	Distillates (petroleum), hydrotreated medium	64742-46-7	Saskatchewan OELs - 8 Hour Average Contamination Limit: 5 mg/m <sup>3</sup> (Oil mist, mineral)
	Distillates (petroleum), hydrotreated medium	64742-46-7	Saskatchewan OELs - 15 Minute Average Contamination Limit: 10 mg/m <sup>3</sup> (Oil mist, mineral)
	Distillates (petroleum), hydrotreated medium	64742-46-7	Saskatchewan OELs - 8 Hour Average Contamination Limit: 400 ppm [Rubber solvent (Naphtha)]
	Distillates (petroleum), hydrotreated medium	64742-46-7	Saskatchewan OELs - 15 Minute Average Contamination Limit: 500 ppm [Rubber solvent (Naphtha)]

#### Biological limit values:

No biological exposure limits noted for the ingredient(s).

#### Information on monitoring procedures:

Monitoring of the concentration of substances in the breathing zone of workers or in the general workplace may be required to confirm compliance with an OEL and adequacy of exposure controls.

Biological monitoring may also be appropriate for some substances.

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#### Appropriate engineering controls:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling.

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor and mists below the applicable workplace exposure limits (Occupational Exposure Limits-OELs) indicated above.

#### Personal protection equipment

##### Eye and face protection:

Safety goggles or glasses, or appropriate eye protection.

##### Skin and body protection:

Select glove material impermeable and resistant to the substance.

Wear appropriate clothing to prevent any possibility of skin contact.

##### Respiratory protection:

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

#### General hygienic measures:

Avoid contact with skin, eyes and clothing.

Wash hands before breaks and at the end of work.

Wash contaminated clothing before reuse.

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

<b>Appearance (physical state, color):</b>	Red paste
<b>Odor:</b>	Not determined or not available.
<b>Odor threshold:</b>	Not determined or not available.
<b>pH-value:</b>	Not determined or not available.
<b>Melting/Freezing point:</b>	Not determined or not available.
<b>Boiling point/range:</b>	Not determined or not available.
<b>Flash point:</b>	100°C (212°F)
<b>Evaporation rate:</b>	Not determined or not available.
<b>Flammability (solid, gaseous):</b>	Not determined or not available.
<b>Explosion limit upper:</b>	Not determined or not available.
<b>Explosion limit lower:</b>	Not determined or not available.
<b>Vapor pressure:</b>	Not determined or not available.
<b>Vapor density:</b>	Not determined or not available.
<b>Density:</b>	1.015 g/cm <sup>3</sup>
<b>Relative density:</b>	Not determined or not available.
<b>Solubilities:</b>	Not determined or not available.
<b>Partition coefficient (n-octanol/water):</b>	Not determined or not available.
<b>Auto/Self-ignition temperature:</b>	Not determined or not available.
<b>Decomposition temperature:</b>	Not determined or not available.

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<b>Dynamic viscosity:</b>	Not determined or not available.
<b>Kinematic viscosity:</b>	Not determined or not available.
<b>Explosive properties</b>	Not determined or not available.
<b>Oxidizing properties</b>	Not determined or not available.

### Other information

### SECTION 10: Stability and reactivity

#### Reactivity:

Does not react under normal conditions of use and storage.

#### Chemical stability:

Stable under normal conditions of use and storage.

#### Possibility of hazardous reactions:

None under normal conditions of use and storage.

#### Conditions to avoid:

None known.

#### Incompatible materials:

None known.

#### Hazardous decomposition products:

None known.

### SECTION 11: Toxicological information

#### Acute toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:** No data available.

#### Skin corrosion/irritation

##### Assessment:

Causes skin irritation

##### Product data:

No data available.

##### Substance data:

Name	Result
Methylsilanetriyl triacetate	Causes severe skin burns and eye damage.
Triacetoxymethylsilane	Causes severe skin burns and eye damage.

#### Serious eye damage/irritation

##### Assessment:

Causes serious eye irritation

##### Product data:

No data available.

**Substance data:** No data available.

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#### Respiratory or skin sensitization

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

#### Carcinogenicity

**Assessment:**

May cause cancer

**Product data:** No data available.

**Substance data:** No data available.

**International Agency for Research on Cancer (IARC):**

Name	Classification
Silicon Dioxide	Group 3 - Not classifiable as to its carcinogenicity to humans

**National Toxicology Program (NTP):** None of the ingredients are listed.

#### Germ cell mutagenicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

#### Reproductive toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

#### Specific target organ toxicity (single exposure)

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

#### Specific target organ toxicity (repeated exposure)

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

#### Aspiration toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

#### Information on likely routes of exposure:

No data available.

#### Symptoms related to the physical, chemical and toxicological characteristics:

No data available.



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#### Other information:

No data available.

### SECTION 12: Ecological information

#### Acute (short-term) toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:** No data available.

#### Chronic (long-term) toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:** No data available.

#### Persistence and degradability

**Product data:** No data available.

**Substance data:** No data available.

#### Bioaccumulative potential

**Product data:** No data available.

**Substance data:** No data available.

#### Mobility in soil

**Product data:** No data available.

**Substance data:** No data available.

**Other adverse effects:** No data available.

### SECTION 13: Disposal considerations

#### Disposal methods:

It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities

### SECTION 14: Transport information

#### Canadian Transportation of Dangerous Goods (TDG)

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

#### International Maritime Dangerous Goods (IMDG)

UN number	Not Regulated
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UN proper shipping name	Not Regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

### International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

UN number	Not Regulated
UN proper shipping name	Not Regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

## SECTION 15: Regulatory information

### Canada regulations

#### Domestic substances list (DSL):

64742-46-7	Distillates (petroleum), hydrotreated medium	Listed
4253-34-3	Methylsilanetriyl triacetate	Listed
17689-77-9	Triacetoxymethylsilane	Listed
7631-86-9	Silicon Dioxide	Listed
1317-65-3	Limestone	Not Listed

#### Non-domestic substances list (NDSL):

1317-65-3	Limestone	Listed
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## SECTION 16: Other information

**Abbreviations and Acronyms:** None

### Disclaimer:

This product has been classified in accordance with the Canadian Hazardous Products Regulations and WHMIS 2015. The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is designed only as a guidance for safe handling, use, storage, transportation and disposal and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials, unless specified in the text. The responsibility to provide a safe workplace remains with the user.

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**End of Safety Data Sheet**