

Safety Data Sheet

Material Name: Multi-Purpose Silicone Sealant (Red)

Product # 309983

Section 1 - PRODUCT AND COMPANY IDENTIFICATION

Material Name

Multi-Purpose Silicone Sealant (Red)

Product Use

Silicone sealant

Restrictions on Use

For industrial use only.

Manufacturer Information

Carlisle Canada ULC
205 Brunswick Blvd.
Pointe Claire, QC H1R 1A5
Canada
www.carlislehvac.com

Medical Emergency:

CHEMTREC (USA): (800) 424-9300

MSDS Assistance – 972-442-6545

Technical Assistance – 888-229-2199

Customer Service – 888-229-0199

Section 2 - HAZARDS IDENTIFICATION

Hazard Classification

This product is not hazardous under the criteria of the Hazardous Products Regulations (HPR) as implemented under the Workplace Hazardous Materials Information System (WHMIS 2015).

GHS Label Elements

None

Precautionary Statement(s)

Prevention

Use only outdoors or in a well-ventilated area.

Other Hazards

No additional information available.

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CAS	Component Name	Percent
-----	----------------	---------

Safety Data Sheet

Material Name: Multi-Purpose Silicone Sealant (Red)

Product # 309983

7429-90-5	Aluminium	<= 1.575%
-----------	-----------	-----------

Chemical Nature

Silicone elastomer.

This product is a mixture.

Section 4 - FIRST AID MEASURES

Description of Necessary Measures

If potential for exposure exists refer to Section 8 for specific personal protective equipment.

Inhalation

Move person to fresh air; if effects occur, consult a physician.

Skin

Wash off with plenty of water.

Eyes

Flush eyes thoroughly with water for several minutes. Remove contact lenses after the initial 1-2 minutes and continue flushing for several additional minutes. If effects occur, consult a physician, preferably an ophthalmologist.

Ingestion

No emergency medical treatment necessary.

Most Important Symptoms/Effects, Both Acute and Delayed

Aside from the information found under Description of first aid measures (above) and Indication of immediate medical attention and special treatment needed (below), and additional important symptoms and effects are described in Section 11: Toxicology Information.

Indication of any immediate medical attention and special treatment needed

Notes to Physician: No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

Section 5 - FIRE FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Water spray. Alcohol-resistant foam. Carbon dioxide (CO₂). Dry chemical.

Unsuitable Extinguishing Media

None known.

Special Hazards Arising from the Substance or Mixture

Hazardous combustion products: Carbon oxides. Silicon oxides. Metal oxides.

Unusual Fire and Explosion Hazards: Exposure to combustion products may be a hazard to health.

Advice for firefighters

Safety Data Sheet

Material Name: Multi-Purpose Silicone Sealant (Red)

Product # 309983

Fire Fighting Procedures: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers. Remove undamaged containers from fire area if it is safe to do so. Evacuate area.

Special protective equipment for firefighters: Wear self-contained breathing apparatus fur firefighting if necessary. Use personal protective equipment.

Section 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Follow safe handling advice and personal protective equipment recommendations.

Methods and Materials for Containment and Cleaning Up

Wipe up or scrape up and contain for salvage or disposal. Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable. For large spills, provide dyking or other appropriate containment to keep material from spreading. If dyked material can be pumped, store recovered material in appropriate container. Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.

See sections: 7, 8, 11, 12 and 13.

Environmental Precautions

Discharge into the environment must be avoided. Prevent further leakage or spillage if safe to do so. Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.

Section 7 - HANDLING AND STORAGE

Precautions for Safe Handling

Take care to prevent spills, waste and minimize release to the environment. Handle in accordance with good industrial hygiene and safety practice. Use only with adequate ventilation. See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section.

Conditions for Safe Storage, Including any Incompatibilities

Keep in properly labelled containers. Store in accordance with the particular national regulations. Do not store with the following product types: Strong oxidizing agents. Unsuitable materials for containers: None known.

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Component Exposure Limits

Aluminium	7429-90-5
ACGIH:	1 mg/m3, TWA Respirable fraction

Safety Data Sheet

Material Name: Multi-Purpose Silicone Sealant (Red)

Product # 309983

	Further information: LRT irr: Lower Respiratory Tract irritation; pneumoconiosis: Pneumoconiosis; neurotoxicity: Neurotoxicity; A4: Not classifiable as a human carcinogen; varies: varies
CA AB OEL:	10 mg/m3, TWA Dust
	Further information: 3: Occupational exposure limit is based on irritation effects and its adjustment to compensate for unusual work schedules is not required.
CA QC OEL:	10 mg/m3, TWAEV
CA BC OEL:	1 mg/m3, TWA Respirable
CA QC OEL:	5 mg/m3, TWAEV Welding fumes

Although some of the components of this product may have exposure guidelines, no exposure would be expected under normal handling conditions due to the physical state of the material.

Exposure controls

Engineering Controls

Use local exhaust ventilation, or other engineering controls to maintain airborne levels below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, general ventilation should be sufficient for most operations. Local exhaust ventilation may be necessary for some operations.

Individual Protection Measures, such as Personal Protective Equipment

Eye/face protection

Use safety glasses (with side shields).

Skin Protection

Hand protection: Chemical protective gloves should not be needed when handling this material.

Consistent with general hygienic practice for any material, skin contact should be minimized.

Other protection: No precautions other than clean body-covering clothing should be needed.

Respiratory Protection

Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, wear respiratory protection when adverse effects, such as respiratory irritation or discomfort have been experienced, or where indicated by your risk assessment process. For most conditions no respiratory protection should be needed; however, if discomfort is experienced, use an approved air-purifying respirator.

The following should be effective types of air-purifying respirators: Organic vapor cartridge with a particulate pre-filter.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Red paste	Physical State	Paste
Odor	Acetic acid	Color	Red
Odor Threshold	Not available	pH	Not available

Safety Data Sheet

Material Name: Multi-Purpose Silicone Sealant (Red)

Product # 309983

Melting Point	Not available	Boiling Point (760 mmHg)	Not applicable
Freezing point	Not available	Evaporation Rate (Butyl Acetate = 1)	Not applicable
Flash Point	Closed cup (> 100° C)	Flammability (solid, gas)	Not classified as a flammability hazard
Autoignition	Not available	Particle size	Not available
Lower Explosive Limit	Not available	Decomposition temperature	Not available
Upper Explosive Limit	Not available	Vapor Pressure	Not applicable
Relative Vapor Density (air=1)	Not available	Relative Density (water = 1)	1.007
Water Solubility	Not available	Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	Not available	Decomposition temperature	Not available
Dynamic Viscosity	Not applicable	Kinematic Viscosity	Not applicable
Explosive properties	Not explosive	Oxidizing properties	The substance or mixture is not classified as oxidizing
Molecular weight	Not available	Particle size	Not available

Other Information

The physical data presented above are typical values and should not be construed as a specification.

Section 10 - STABILITY AND REACTIVITY

Reactivity

Not classified as a reactivity hazard.

Chemical Stability

Stable under normal conditions.

Possibility of Hazardous Reactions

Can react with strong oxidizing agents. When heated to temperatures above 150 °C (300 °F) in the presence of air, trace quantities of formaldehyde may be released. Adequate ventilation is required.

Conditions to Avoid

None known.

Incompatible Materials

Oxidizing agents.

Hazardous decomposition products

Safety Data Sheet

Material Name: Multi-Purpose Silicone Sealant (Red)

Product # 309983

Decomposition products can include and are not limited to: Formaldehyde. Hydrogen.

Section 11 - TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Ingestion, Skin Contact, Eye Contact

Acute Toxicity (represents short term exposures with immediate effects – no chronic/delayed effects known unless otherwise noted)

Acute oral toxicity

Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts.

As product: Single dose oral LD50 has not been determined.

Based on information for component(s):

LD50, > 5,000 mg/kg Estimated.

Information for components:

Aluminium

Based on data from similar materials LD50, Rat, > 5,000 mg/kg OECD Test Guideline 401

Acute dermal toxicity

Prolonged skin contact is unlikely to result in absorption of harmful amounts.

As product: The dermal LD50 has not been determined.

Based on information for component(s):

LD50, > 2,000 mg/kg Estimated.

Information for components:

Aluminium

The dermal LD50 has not been determined.

Acute inhalation toxicity:

Brief exposure (minutes) is not likely to cause adverse effects. Vapor from heated material may cause respiratory irritation.

As product: The LC50 has not been determined.

Information for components:

Aluminium

LC50, Rat, 4 Hour, dust/mist, > 0.888 mg/l OECD Test Guideline 403 No deaths occurred at this concentration.

Skin corrosion/irritation:

Based on information for component(s):

Prolonged exposure not likely to cause significant skin irritation.

Safety Data Sheet

Material Name: Multi-Purpose Silicone Sealant (Red)

Product # 309983

Information for components:

Aluminium

Brief contact is essentially nonirritating to skin.

Prolonged contact may cause skin irritation with local redness.

Serious eye damage/eye irritation:

Based on information for component(s): May cause slight temporary eye irritation. Corneal injury is unlikely.

May cause mild eye discomfort.

Information for components:

Aluminium

Fumes generated by welding, burning or melting may cause eye irritation. Dust may irritate eyes.

Sensitization:

For skin sensitization:

Contains component(s) which did not cause allergic skin sensitization in guinea pigs.

For respiratory sensitization:

No relevant data found.

Information for components:

Aluminium

For similar material(s):

Did not cause allergic skin reactions when tested in guinea pigs.

For respiratory sensitization:

No relevant data found.

Specific Target Organ Systemic Toxicity (Single Exposure):

Evaluation of available data suggests that this material is not an STOT-SE toxicant.

Information for components:

Aluminium

Available data are inadequate to determine single exposure specific target organ toxicity.

Aspiration Hazard:

Based on physical properties, not likely to be an aspiration hazard.

Information for components:

Aluminium

Based on physical properties, not likely to be an aspiration hazard.

Chronic toxicity (represents longer term exposures with repeated dose resulting in chronic/delayed effects - no immediate effects known unless otherwise noted)

Specific Target Organ Systemic Toxicity (Repeated Exposure):

Contains a component(s) that is/are not expected to be bioavailable due to the physical state of the material under normal handling and processing conditions.

Safety Data Sheet

Material Name: Multi-Purpose Silicone Sealant (Red)

Product # 309983

Information for components:

Aluminium

Based on available data, repeated exposures are not anticipated to cause significant adverse effects.

Carcinogenicity:

Did not cause cancer in long-term animal studies which used routes of exposure considered relevant to industrial handling. Positive results have been reported in other studies using routes of exposure not relevant to industrial handling. Contains an additional component(s) that is not expected to be bioavailable due to the physical state of the material under normal handling and processing conditions

Information for components:

Aluminium

Available data are inadequate to evaluate carcinogenicity.

Teratogenicity:

Contains component(s) which did not cause birth defects or any other fetal effects in lab animals.

Information for components:

Aluminium

High doses of aluminium and aluminium salts given to laboratory animals during pregnancy have caused developmental toxicity in the fetus at doses mildly toxic to the mother.

Reproductive toxicity:

Contains component(s) which did not interfere with reproduction in animal studies.

Information for components:

Aluminium

No relevant data found.

Mutagenicity:

Contains component(s) which were negative in some in vitro genetic toxicity studies and positive in others. Contains component(s) which were negative in animal genetic toxicity studies.

Information for components:

Aluminium

In vitro genetic toxicity studies were predominantly negative. Animal genetic toxicity studies were positive.

Section 12 - ECOLOGICAL INFORMATION

Ecotoxicological information appears in this section when such data is available.

Toxicity

Component Analysis - Aquatic Toxicity

Aluminium	7429-90-5
Fish:	NOEC, Salmo trutta (brown trout), 96 h, > 80 µg/l, OECD Test Guideline 203

Safety Data Sheet

Material Name: Multi-Purpose Silicone Sealant (Red)

Product # 309983

Invertebrate:	NOEC, Daphnia magna (Water flea), 48 Hour, > 0.135 mg/l, OECD Test Guideline 202
---------------	--

Persistence and Degradability

No information available.

Bioaccumulative Potential

No information available.

Mobility in Soil

No information available.

Section 13 - DISPOSAL CONSIDERATIONS

Disposal Methods

DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. AS YOUR SUPPLIER, WE HAVE NO CONTROL OVER THE MANAGEMENT PRACTICES OR MANUFACTURING PROCESSES OF PARTIES HANDLING OR USING THIS MATERIAL. THE INFORMATION PRESENTED HERE PERTAINS ONLY TO THE PRODUCT AS SHIPPED IN ITS INTENDED CONDITION AS DESCRIBED IN MSDS SECTION: Composition Information. FOR UNUSED & UNCONTAMINATED PRODUCT, the preferred options include sending to a licensed, permitted: Incinerator or other thermal destruction device. For additional information, refer to: Handling & Storage Information, MSDS Section 7 Stability & Reactivity Information, MSDS Section 10 Regulatory Information, MSDS Section 15

Treatment and disposal methods of used packaging:

Empty containers should be recycled or otherwise disposed of by an approved waste management facility. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. Do not re-use containers for any purpose.

Section 14 - TRANSPORT INFORMATION

TDG: Not regulated

Classification for SEA transport (IMO-IMDG):

Not regulated for transport
Consult IMO regulations before transporting ocean bulk

Transport in bulk according to Annex I or II of MARPOL 73/78 and the IBC or IGC Code

Classification for AIR transport (IATA/ICAO):

Not regulated for transport

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. Additional transportation system information

Safety Data Sheet

Material Name: Multi-Purpose Silicone Sealant (Red)

Product # 309983

can be obtained through an authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

Section 15 - REGULATORY INFORMATION

Canadian Domestic Substances List (DSL)

All substances contained in this product are listed on the Canadian Domestic Substances List (DSL) or are not required to be listed.

Section 16 - OTHER INFORMATION

Revision

Identification Number: 4055065 / A208

Summary of Changes

Issue Date: December 2, 2019

Revision Note: General Update

Key / Legend

ACGIH – USA. ACGIH Threshold Limit Values (TLV); CA AB OEL – Canada. Alberta, Occupational Health and Safety Code (table 2: OEL); CA BC OEL – Canada. British Columbia OEL; CA QC OEL - Québec. Regulation respecting occupational health and safety, Schedule 1, Part 1: Permissible exposure values for airborne contaminants; TWA – 8-hour time weighted average; TWAEV – Time-weighted average exposure value

Full text of other abbreviations

AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO -International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO -International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 -Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National

Safety Data Sheet

Material Name: Multi-Purpose Silicone Sealant (Red)

Product # 309983

Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA -Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA -Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Information Source and References

This SDS is prepared by Product Regulatory Services and Hazard Communications Groups from information supplied by internal references within our company. .

Other Information

Disclaimer:

The information contained herein is based upon data and information available to us, and reflects our best professional judgment. This product may be formulated in part with components purchased from other companies. In many instances, especially when proprietary or trade secret materials are used, CCWI Company must rely upon the hazard evaluation of such components submitted by that product's manufacturer or importer. No warranty of merchantability, fitness for any use, or any other warranty is expressed or implied regarding the accuracy of such data or information. The results to be obtained from the use thereof, or that any such use does not infringe any patent, since the information contained herein may be applied under conditions of use beyond our control and with which we may be unfamiliar, we do not assume responsibility for the results of such application. This information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the material for his particular use.