

Section 1: IDENTIFICATION

GSH Product Identifier: Swiftseal SRC300
Other means of Identification: None

Relevant Identified uses of the substance or mixture and uses advised against

Product Use: Roof Coating
Area of Application: Industrial applications
Supplier/Manufacturer: Elastochem Specialty Chemicals Inc.
37 Easton Road
Brantford, Ontario N3P 1J4
Phone (519) 754-1678 Fax (519) 754-4487
Emergency Telephone #: Chemtrec Emergency Number: 800-424-9300

Section 2: Hazard Identification**Classification of the substance or mixture:**

Skin Irritation - Category 2
Eye Irritation - Category 2A
Skin Sensitization - Category 1
Carcinogenicity - Category 2
Reproductive Toxicity - Category 2
Chronic Aquatic Toxicity - Category 3
Flammable Liquid - Category 4

GHS label elements

Signal word: Warning
Pictogram:



Hazard Statements: Causes skin irritation.
Causes serious eye irritation.
May cause an allergic skin reaction.
Suspected of causing cancer.
Suspected of damaging fertility or the unborn child.
May cause respiratory irritation.
Harmful to aquatic life with long lasting effects.

Precautionary statements:

Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray
Use in a well ventilated area
Wash thoroughly after handling
Wear protective gloves

Hazards not otherwise classified identified during the classification process: Not available

Section 3: Composition/information on ingredients

Substance/mixture: Mixture

Other means of identification: Not available

Ingredient Name	Concentration	Identification Number
Titanium Dioxide	1-5%	13463-67-7
2-Butanone, O,O', O'' (Methylsilylidyne) Trioxime	1-5%	22984-54-9
Octamethylcyclotetrasiloxane	1-5%	556-67-2
N-(3(trimethoxysilyl)-1,2-ethanediamine	0.1-1%	1760-24-3

Section 4: FIRST AID MEASURES

Description of necessary first aid measures

Skin: Clean exposed area with soap and warm water. Continue to rinse for at least 10 minutes. Remove contaminated clothing. Wash clothes before reuse. Seek medical attention if irritation persists.

Eyes: Immediately flush thoroughly with water for at least 15 minutes lifting eye lids occasionally. Seek medical attention if irritation develops.

Inhalation: Remove victim to fresh air; give artificial respiration if not breathing. Seek medical attention.

Ingestion Remove victim to fresh air and keep at rest in a position comfortable for breathing. Do not induce vomiting. Seek medical attention.

Most important symptoms/effects, acute and delayed

Potential acute health effects

This product may cause irritation to skin, eye, and respiratory system. May cause skin sensitization. Ingestion of this product may cause gastrointestinal irritation. This product contains ingredients that are suspected of causing reproductive harm.

Over exposure signs/symptoms

Skin Contact: Not available

Eye Contact: Not available

Inhalation: Not available

Ingestion: Not available

Delayed and Immediate effects and also chronic effects from short and long term exposure

Short Term Exposure: Not available

Long Term Exposure: Prolonged or repeated skin contact may cause skin reactions.

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

Notes to Physician: Treat symptomatically.

Specific Treatments: None

Protection of first aiders: No action shall be taken involving any personal risk or without suitable training. Use personal protective equipment. Avoid contact with skin, eyes and clothing.

Section 5: FIRE FIGHTING MEASURES

Means of Extinction: Use extinguishing agent suitable for the surrounding fire. Suitable extinguishing media: Use dry chemical, Carbon Dioxide, water spray or alcohol resistant foam.

Specific hazards arising from the chemical: When heated to decomposition, this product produces noxious gases such as Carbon monoxide, carbon dioxide and others.

Hazardous combustion products: May produce carbon dioxide and carbon monoxide,

Special protective equipment and precautions 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 without suitable training. Fire fighters should wear appropriate protective equipment and self contained breathing apparatus with a full face piece operated in positive pressure mode. Move undamaged containers from immediate hazard area if it can be done safely.

Section 6: ACCIDENTAL RELEASE MEASURES

Spill Procedure:

Clean up personnel must wear protective equipment to prevent contact with the product. Evacuate the area of all unnecessary personnel. Stop spill at source. Use inert absorbent material such as sand, clay, earth or floor absorbent to clean up spill. Shovel into drums.

Personal Precautions, protective equipment and emergency procedures:

Ensure adequate ventilation. Wear personal protection equipment. Remove persons to safety. Do not breathe vapours or spray mist.

Methods and material for containment and cleaning up:

Suitable material for taking up: Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

Wash with plenty of water.

Section 7: HANDLING AND STORAGE

Precautions for safe handling:

Protective Measures:

Put on appropriate personal protective equipment. Do not handle until all safety precautions have been read and understood. Do not breathe dust/fume/gas/mist/vapours/spray. Use only with adequate ventilation. Keep in the original container and keep tightly closed when not in use.

Advice on general occupational hygiene:

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored, and processed. Workers should wash hands before, eating, drinking or smoking. Remove contaminated clothing and protective equipment before entering eating areas.

Conditions for safe storage, including any incompatibilities:

Store product in accordance with local regulation. Store product at room temperature away from heat and moisture. Store product in original container in a dry, cool, and well ventilated area with local exhaust. Keep away from incompatible materials and food and drink. Keep container tightly closed and sealed until ready for use.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTIONS**Appropriate Engineering Controls**

Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapour, etc) below recommended exposure limits. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes, and clothing. Do not breathe dust/fume/gas/mist/vapours.

Individual Protection Measures

Eye Protection: When directly handling liquid product, eye protection is required, such as chemical safety goggles or chemical safety goggles in combination with a full face shield when there is a greater risk of splash.

Protection for hands: Chemical resistant, impervious gloves complying with an approved standard should be worn at all times when handling this product.

Respiratory Protection: Spraying increases the risk of hazardous exposure. In atmospheres where the material is sprayed, workers should avoid contact with aerosols through proper engineering controls such as exhaust ventilation and/or proper protective equipment such as a full face air supplied respirators.

Hygiene Measures: Wash hands, forearms and face thoroughly after handling chemical products.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance & Colour: Viscous liquid in various colours including white, tan, light gray and dark gray.	Vapour Pressure: Not available
Physical State: Liquid	Relative Vapour Density: Not available
Odour: Slight Odour	Relative Density: Not available
Odour Threshold: Not available	Solubility in water: Not available
pH: Not available	Partition coefficient: Not available

Melting Point/Freezing Point: Not available	Auto Ignition Temp: Not applicable
Initial Boiling Point: Not available	Decomposition Temp: Not available
Flash Point: >140°F	Kinematic Viscosity: Not available
Evaporation Rate: Not available	Specific Gravity: Not available
Lower Flammable Limit: None	
Upper Flammable Limit: None	

Section 10: STABILITY AND REACTIVITY

Chemical Stability: This is a stable material at room temperature.

Possibility of Hazardous Reactions: Not available.

Conditions to avoid: High temperatures, open flames and sparks.

Incompatibility (Materials to avoid): Not available.

Hazardous decomposition Products: When heated to decomposition this product produces noxious gases such as carbon monoxide and carbon dioxide and others.

Section 11: TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute Toxicity:

Titanium Dioxide, Cas# 13463-67-7 LD50 Acute oral >10000mg/kg Rat

Octamethylcyclotetrasiloxane, Cas # 556-67-2

LD50 Inhalation >12.7 mg/kg/4 hours Rat

LD50 Acute Oral 1540mg/kg Rat

LD50 Acute Dermal >2400 mg/kg Rat

Irritation:

Contact with the product can be irritating to exposed skin, eyes and respiratory system.

Sensitization:

Skin Sensitization: This product is considered a skin sensitizer.

Repeated dose toxicity:

No information available

Reproductive Toxicity:

Octamethylcyclotetrasiloxane is suspected of causing harmful effects to fertility or the unborn child.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity: Not available

Persistence and Degradability: Not available

Bioaccumulative Potential: Not available

Mobility in Soil: Not available

Other adverse effects: Not available

