

# Raychem

## MATERIAL SAFETY DATA SHEET

Issue No.: 2

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NON-FLAME-RETARDANT GTQ-15XX STRIPS ARE NOT HAZARDOUS DURING PROPER INSTALLATION.

### PRODUCT IDENTIFICATION

**Product Name:** Non-Flame-Retardant GTQ-15XX Strips

**Synonyms:** GTQ-1500, GTQ-1520, GTQ-1540,  
GTQ-HS2, GTQ-R100

**Manufacturer:** Raychem Corporation  
300 Constitution Drive  
Menlo Park, CA 94025-1164

**Chemical Name:** Not applicable, mixture

**CAS #:** Not applicable, mixture

**DOT Proper Shipping Name:** Not regulated

**DOT Identification No.:** Not regulated

**DOT Hazard Classification:** Not regulated

**TSCA Inventory Status:** All ingredients are listed

**FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE or ACCIDENT**

Call CHEMTREC - Day or Night - 1-800-424-9300 Toll free in the continental U.S., Hawaii, Puerto Rico, Canada, Alaska or Virgin Islands. For calls originating elsewhere: (703) 527-3887 (collect calls accepted)

For additional non-emergency information, call: (650) 361-4907

### HAZARDOUS INGREDIENTS

Fibrous Glass (CAS # Not assigned)

The balance of the ingredients are considered nonhazardous as defined by 29 CFR 1910.1200.

### PHYSICAL PROPERTIES

**Appearance and Odor:** Strips of fiberglass cloth coated with gray or blue silicone gel material. Odorless.

**Boiling Point:** Not applicable

**Vapor Pressure (mm Hg @ 25°C):** Not applicable

**Volatility (% by volume):** Negligible

**Vapor Density:** Not applicable

**Specific Gravity (Water = 1):** 1.9

**Evaporation Rate:** Not applicable

**Flash Point/Method:** Not applicable

**Solubility in Water (%):** Insoluble

**Flammable Limits in Air (volume%):** lower Not established upper Not established

### HEALTH HAZARD INFORMATION

The following exposure limits for fibrous glass are provided for reference purposes only. As used in this product, fibrous glass does not present a dust or inhalation hazard, even if the silicone gel coating is removed from the strips.

**Exposure Limits:**

Fibrous Glass:	15 mg/M <sup>3</sup> for nuisance dusts (OSHA PEL)
	5 mg/M <sup>3</sup> for nuisance dusts (Respirable dust) OSHA PEL-TWA
	10 mg/M <sup>3</sup> (Fibrous Glass Dust) ACGIH TLV-TWA
	10 mg/M <sup>3</sup> for nuisance dusts (Total dust) CalOSHA PEL-TWA
	5 mg/M <sup>3</sup> for nuisance dusts (Respirable dust) CalOSHA PEL-TWA

**Health Effects/Symptoms of Exposure:****NON-FLAME-RETARDANT GTQ-15XX STRIPS ARE NOT HAZARDOUS DURING PROPER INSTALLATION.**

The fibrous glass contained in this product is coated with a silicone gel. Unless the silicone gel is removed or damaged, no release or exposure to fiberglass is anticipated. Removing the silicone gel is not recommended as part of the proper installation of the product. However, the following health effects information is provided in the event the silicone gel coating is removed or damaged.

**Acute (Short-Term Exposure):**

**Eye Contact:** Contact with glass fibers may be abrasive and irritating to the eyes and cause stinging, tearing and redness. Contact with the silicone gel material that has been separated from the fiberglass strip may cause mild, temporary irritation. Persons with pre-existing eye disorders may be more susceptible should these materials come into contact with the eyes.

**Skin Contact:** Contact with glass fibers may be irritating to the skin and cause redness and itching. Persons with pre-existing skin disorders may be more susceptible to the effects of exposure to the glass fibers. Silicone gel that has been separated from the fiberglass strip is not considered to be a skin irritant. It is not considered to be toxic by skin absorption.

**Ingestion (Swallowing):** Swallowing this product is highly unlikely. However, if the fiberglass strip is swallowed, it may cause irritation of the digestive tract.

**Inhalation (Breathing):** Due to the low volatility of the gels and the fact that the fiberglass is coated with this gel, this product does not pose as an inhalation hazard.

**Chronic (Long-Term Exposure):**

None of the ingredients to which users may be exposed and which are present at equal to or greater than 0.1% of the product are listed by OSHA, NTP, or IARC as suspect carcinogens.

**STORAGE, HANDLING, AND PREVENTATIVE MEASURES**

**Stability at room temperature:** Stable.

**Conditions to Avoid:** None known.

**Incompatibilities:** None known.

**Hazardous Polymerization:** Will not occur.

**Thermal Degradation Products:** Thermal degradation and combustion byproducts may be toxic and should not be inhaled. If the products are burned, the thermal degradation products may include, but not be limited to: carbon monoxide, carbon dioxide, formaldehyde, and low molecular weight hydrocarbons.

**Handling:** Do not damage the silicone gel coating of this product. Proper installation may include the use of gloves, tweezers or manually handling with due care not to scrape, mar, or otherwise damage the coating of this product. Wash thoroughly after handling.

**Storage:** Store in a cool, dry, well-ventilated area.

**Other Precautions:** Keep away from flame.

**Ventilation:** In accordance with good industrial hygiene practice, ensure adequate ventilation during application.

**Respiratory Protection:** Under normal conditions of use, respiratory protection is not required.

**Protective Clothing:** Use impervious gloves to prevent contact, as appropriate to the given operation.

**Disposal:** This material is a non-hazardous waste in accordance with Federal U.S. EPA regulations. Dispose of in accordance with all local, state and federal regulations.

## EMERGENCY AND FIRST AID PROCEDURES

**Eyes:** Hold eyelids apart and flush affected eye(s) with clean water. In case of contact with fiberglass, hold eyelids apart and flush affected eye(s) immediately with clean water for at least 15 minutes. Seek immediate medical attention.

**Skin:** In case of contact with fiberglass, immediately wash affected area(s) with plenty of soap and water. If glass fibers are present on the skin, use a washcloth to help remove the fibers. To avoid further irritation, do not rub or scratch irritated areas. Rubbing or scratching may force fibers into the skin. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Seek immediate medical attention.

Contact with silicone gel does not require first aid; however, it is a good work practice to wash hands at the end of the work shift and before eating, smoking or using toilet facilities.

**Ingestion:** Not a likely route of exposure. However, if swallowed and symptoms develop, seek medical attention.

**Inhalation:** Not a likely route of exposure. If respiratory symptoms or other symptoms of exposure develop, move victim to fresh air. If symptoms persist, seek medical attention. If breathing difficulties develop, oxygen should be administered by qualified personnel. Seek immediate medical attention. If victim is not breathing, immediately begin artificial respiration. Keep victim warm and quiet; seek immediate medical attention.

**Steps to be Taken in Case of Release or Spill:** Wear appropriate personal protection when responding, Collect in a suitable container for disposal or reuse.

**Unusual Fire and Explosion Hazards:** Toxic fumes may be given off in a fire. See sections on Thermal Degradation Products and Other Precautions.

**Special Fire Fighting Procedures:** Firefighters should wear self-contained breathing apparatus with a full facepiece operated in the positive pressure demand mode when fighting fires.

**Extinguishing Media:** carbon dioxide  water  dry chemical  foam  other

Selection of extinguishing media should be based upon the size of the fire, the firefighting training/experience of the individual attempting to extinguish or control the fire, and the packaging materials exposed to the fire.

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**Data Sheet Prepared By:** Julie Sabbag-Maskey, Corporate EHS

**Date:** June 1999

**Data Sheet Approved By:** Chris Vogdes, Electronics Division

**Date:** June 1999