

**TRIANGLE FASTENER CORPORATION**

Cleveland, OH 44109

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www.trianglefastener.com

FASTENING SYSTEMS DESIGN AND ENGINEERING CENTER**MATERIAL SAFETY DATA SHEET**

Report No.: MSDS082305, Rev.080210

Date: December 10, 2010

Conforms to requirements of OSHA standard 1910.1200

"Hazard Communication" and to various state "Employee Right to Know" laws

Vendor name and address

Triangle Fastener Corporation (Corporate Office)

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Pittsburgh, PA 15233

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EMERGENCY TELEPHONE NUMBER (24 HOURS): CHEMTREC, 1-800-424-9300**SECTION 1: PRODUCT IDENTIFICATION****Product Name: Q-205 Series****TFC BUTYL TAPE SEAL**

(Metal Flange Tape)

HMIS Ratings

Health Hazard: 0 – MINIMAL

Flammability Hazard: 0 -- MINIMAL

Reactivity Hazard: 0 -- MINIMAL

Chemical Name: ISOBUTYLENE

Chemical Family: BUTYL MIXTURE

SECTION 2: HAZARDOUS COMPONENT INFORMATION

- Based on data available to Q_SO, Inc. none of the components in this product are considered hazardous according to OSHA Hazard Communication Standard 29CFR 1910.1200.
- The composition of this mixture is proprietary information. In the event of a medical emergency, compositional information will be provided to a physician or nurse.

SECTION 3: PHYSICAL AND CHEMICAL PROPERTIES

Volatile (Wt.) %:	0	Appearance:	Soft, pliable gum
Solubility in Water:	Insoluble	Color: Q-205	Off-white
Specific Gravity (H2O = 1)	1.60	Q-205A	Light gray
Evaporation Rate:	N/A	Odor:	None

DISCLAIMER: THIS INFORMATION IS FOR GENERAL INFORMATION ONLY AND CANNOT BE CONSTRUED AS A SUBSTITUTE FOR COMPETENT PROFESSIONAL ADVICE OR SERVICE. ANY PARTY CONSIDERING APPLICATION OR USE DOES SO AT THEIR OWN RISK AND ASSUMES ANY AND ALL RESULTING LIABILITY FROM THIS APPLICATION OR USE.



SECTION 4: FIRE HAZARDS

Flash Point: >400F (204C)

Method: Pensky Marten closed up

Extinguishing Media: Dry chemical, Carbon dioxide, Foam, Water

Special Fire-Fighting Procedures: Large quantities of water will extinguish. Do not enter space without proper protective equipment.

Hazardous Combustion Products: Carbon monoxide, Carbon dioxide

SECTION 5: HEALTH HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

Acute or Immediate Effects -- Routes of Entry and Symptoms

Ingestion: Not expected to be an ingestion hazard.

Skin: May cause irritation to sensitive skin.

Eye: Particles may cause irritation.

Inhalation: Not likely route of entry.

Chronic Effects: None known.

Medical Conditions Aggravated by Exposure: None known.

Carcinogenicity Information: None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTC, OSHA, or ACGIH as a carcinogen.

SECTION 6: FIRST AID PROCEDURES

- Ingestion: Consult a physician if vomiting occurs.
- Skin Contact: Wash skin with soap and water.
- Eye Contact: Flush with water. Consult a physician if irritation persists.
- Inhalation: Remove to fresh air.

SECTION 7: STABILITY AND REACTIVITY

- Stability: Stable
- Conditions to Avoid: Do not store near strong oxidizers or open flames.
- Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide
- Polymerization: Will not occur



SECTION 8: ACCIDENTAL RELEASE MEASURES

- If product is not contaminated, put into clean containers for use. If product is contaminated, put into containers for disposal.
- Dispose of according to local, state, and federal regulations for nonhazardous solid waste.

SECTION 9: EXPOSURE CONTROLS / PERSONAL PROTECTION

Handle in accordance with good industrial hygiene and safety practices. These practices include avoiding unnecessary exposure at all times.

- Respiratory Protection: Not required under normal conditions.
- Ventilation: Not required
- Protective Gloves Not required
- Eye Protection: Not required
- Other Protective Equipment: None
- Hygienic Practices: Wash hands before eating, smoking, or using washroom. Adhere to the sanitation requirements of 29CFR1910.141 and 29CFR1910.142.

SECTION 10: TRANSPORTATION INFORMATION

- D.O.T. Shipping Information: Not regulated
- I.M.O. Shipping Information: Not regulated

SECTION 11: REGULATORY INFORMATION

Section 313 Supplier Notification: This product contains no known toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40CFR372.

STATE REGULATIONS (U.S.):

STATE RIGHT-TO-KNOW LAWS

No substances on the state hazardous substances list for the states indicated below are used in the manufacture of products on this Material Safety Data Sheet, with the exceptions indicated. While we do not specifically analyze these products, or the raw materials used in their manufacture, for substances on various state hazardous substances lists, to the best of our knowledge the products on this Material Safety Data Sheet contain no such substances except for those specifically listed below:

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1. Substances on the Pennsylvania Hazardous Substances List present at a concentration of 1% or more (0.01% for special hazardous substances): None known
2. WARNING: Substances known to the State of California to cause cancer, birth defects, or other reproductive harm: None known
3. Substances on the New Jersey Workplace Hazardous Substance List present at a concentration of 1% or more (0.1% for substances identified as carcinogens, mutagens, or reproductive toxins): None known

CANADIAN WHMIS: To the best of our knowledge, this material is classified as a NONCONTROLLED PRODUCT.

SECTION 12: ADDITIONAL COMMENTS

The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

This information is taken from sources or based upon data believed to be reliable; however, Q_SO, Inc. Disclaims any warranty, express or implied, as to the absolute correctness or sufficiency of any of the foregoing or that additional or other measures may be required under particular conditions.

SECTION 13: OTHER INFORMATION

Revisions made: Detailed information was added to top right corner of MSDS to conform to element 4.5, Document Control. Section 13 was added.

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