



TRIANGLE FASTENER CORPORATION
4661 Hinckley Parkway
Cleveland, OH 44109
Phone: (216) 351-9933
Fax: (216) 351-5008
Website: www.trianglefastener.com
Email: jstager@trianglefastener.com

"Specialty Fasteners and Services for Commercial Construction"
FASTENING SYSTEMS DESIGN CENTER

Date: 6.02.08

Material Safety Data Sheet (MSDS)

Report #: MSDS060208KM

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)
1925 Preble Ave
Pittsburgh, PA 15233
Phone: (412) 321-5000
Fax: (412) 321-7838

EMERGENCY TELEPHONE NUMBER (24 HOURS): Q'SO at 1-866-232-2026

SECTION 1: PRODUCT IDENTIFICATION

HMIS Ratings

Product Name: TFC BUTYL TUBE SEALANT

Chemical Name: Mixture
Chemical Family: Mixture

Health Hazard: 1 -- SLIGHT
Flammability Hazard: 1 -- SLIGHT
Reactivity Hazard: 0 -- MINIMAL

SECTION 2: HAZARDOUS COMPONENT INFORMATION

Based on data available to Triangle Fastener Corporation, Inc. the following components in this product are considered hazardous according to OSHA Hazard Communication Standard 29CFR1910.1200.

| Hazardous | CAS No | Percent | |
|-------------------------------------|------------|---------|-----|
| Synthetic Isoparafinnic Hydrocarbon | 64742-48-9 | 2-5% | Yes |
| Kerosene | 8008-20-6 | 2-5% | Yes |

- 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.



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SECTION 3: PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|---|-------|-------------------|--------------------------|
| Volatile (Wt.) %: | 4-8 | Appearance: | Thixotropic Creamy Paste |
| Boiling point, (°F) | >180F | Color | off-White or Gray |
| Specific Gravity (H ₂ O = 1) | 1.65 | Evaporation Rate: | Slower than ether |
| | | Odor | Pleasant |

SECTION 4: FIRE HAZARDS

| | |
|-----------------------------------|---|
| Flash Point: | >200° F |
| Method: | Tag closed cup |
| Extinguishing Media: | Water, foam, carbon dioxide, dry chemical |
| Special Fire-Fighting Procedures: | Do not enter confined fire 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
 - Inhalation: May cause headache, drowsiness and nausea.
 - Skin: Prolonged contact may cause irritation or dermatitis.
 - Eye: May irritate.
 - Chronic Effects: None recognized.
- Medical Conditions Aggravated by Exposure: None known.

SECTION 6: FIRST AID PROCEDURES

Ingestion: Potential aspiration hazard. Vomiting may occur but do NOT induce. Call a physician.



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Skin Contact: Wash with mild soap and water. Remove clothing and wash immediately. Consult a physician if irritation occurs.

Eye Contact: Flush with water. Consult a physician if irritation occurs.

Inhalation: Remove to fresh air.

SECTION 7: STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: Do not store near strong oxidizers. Avoid excessive heat.

Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide various oxides of nitrogen.

Polymerization: Will not occur.

SECTION 8: ACCIDENTAL RELEASE MEASURES

- Contain spill. Shovel excess into waste container. After drying the residue may be cleaned with mineral spirits.
- Dispose of dry material 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: Local exhaust recommended.

Protective Gloves Yes - should be worn to prevent skin contact.

Eye Protection: Yes - To protect eyes from splashes.

Other Protective Equipment: None known.

Hygienic Practices: Wash hands before eating, smoking, or using washroom.
Adhere to the sanitation requirements of 29CFR1910.141 and 29CFR1910.142.



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SECTION 10: TRANSPORTATION INFORMATION

D.O.T. Shipping Information: Non-Regulated

I.M.O. Shipping Information: Non-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:

- 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.



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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, Triangle Fastener Corporation, Inc. Disclaims any warranty, express or implied, as to the absolute correctness or sufficiency of any of the fore