SAFETY DATA SHEET (SDS)

Formula-8

- 1. Identification of the substance/mixture and of the company/undertaking
- 1.1 Product identifiers:

Product name

Formula-8

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses

Thread Sealant

1.3 Details of the supplier of the safety data sheet

Company

Fluoramics Inc.

18 Industrial Avenue

Mahwah, New Jersey 07430

Emergency phone

201-825-8110

Information phone

800-922-0075

Fax number

201-825-7035

2. Hazards Identification of the product

2.1 Signs and symptoms of exposure: PTFE polymer, when thermally decomposed, may cause polymer fume fever and flu-like symptoms.

Eyes: May cause irritation. Use goggles if contact is probable

Skin: May cause irritation to sensitive skin. Use protective garment when

applicable

Ingestion: Contact a physician

Inhalation: Use a local exhaust if possible

3. <u>Composition/information on ingredients</u>

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations Weight % GHS Classification Notes

Water CAS Number 7732 18 5 Weight % 45-60

Polytetrafluoroethylene CAS Number 9002 84 0 Weight % 40-60

Carboxy Vinyl Polymer CAS Number 9003 01 4 Weight % .5-2

Titanium Dioxide CAS Number 13463 67 7 Weight % 2.5-5

4. First aid measures

4.1. Description of first aid measures

General In all cases of doubt, or when symptoms persist, seek medical

attention. Never give anything by mouth to an unconscious person

Inhalation Remove to fresh air

Eyes Flush eyes with copious amounts of water

Skin Remove by wiping and wash with soap and water

Ingestion Contact a physician

5. Fire-fighting measures

5.1. Extinguishing media Incombustible

5.2. Special hazards arising from the substance or mixture

In extreme fire situation, protection from hydrogen fluoride fumes should be

employed

Health: NFPA code 1, HMIS code 1

Flammability: limits in air by volume: non-combustible

Reactivity: NFPA code 0, HMIS code 0

Personal protection: NFPA, code SCBA; HMIS, code B

5.3. Advice for fire-fighters

Flash point and method used: N/A

Flammability limits in air % by volume: N/A

6. Accidental release measures

6.1. Non-hazardous. Disposal to conform with local, state and federal regulations

7. Handling and storage

- 7.1. Precautions for safe handling
 Strictly enforce "No Smoking" rule for workers handling material
- 7.2. Conditions for safe storage, including any incompatibilities
 Do not store below 35 degrees F (1.6 degrees C)

8. Exposure controls and personal protection

- 8.1 Use normal personal hygiene and good housekeeping. Use protective gloves.
- 8.2 Medical conditions generally aggravated by exposure: see below...

Eye contact: wash with copious amounts of water

Skin contact: remove by wiping and wash with soap and water

Inhalation: If exposed to high temperature processing fumes, wear self-contained

breathing apparatus.

Ingestion: treat symptomatically. Call physician.

Emergency first aid procedures: seek medical assistance for further treatment, observation and support if necessary.

9. Physical and chemical properties

Boiling point: 212 degrees F (water)

Vapor pressure: <.01

Solubility in water: dispersible

Physical state at room temperature: paste

Specific gravity: $H^20=1$: 1.2

Melting point: N/A

Evaporation rate (butyl acetate=1): H^2 0 slow

Appearance and Odor: white, odorless

10. Stability and reactivity

- 10.1. Chemical stability
 Stable under normal circumstances.
- 10.2. Conditions to avoid Temperatures above 250F without adequate ventilation. Will not polymerize.
- 10.3. Incompatible materials Strong alkali
- 10.4. Hazardous decomposition products
 At 650 C (1202 F) COF₂ is the principal toxic product.
 At above 650 C, major products are CF₄ and CO₂

11. Toxicological information

No toxicology data available

12. Ecological information

No ecological information is available

13. Disposal considerations

Waste disposal method: Land fill is preferred but disposal methods must conform with local, state and federal regulations.

14. Transportation information

Transport information: N/A

15. Regulatory information

Non-hazardous product: Not applicable

16. Other information

Date prepared: May 20, 2015