



Material Safety Data Sheet

Revision Date 11-Feb-2015

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product code	60006
Product name	Gold Thread Sealant Tape
Recommended Use	Adhesive
Supplier	Lawson Products, Inc. 8770 W.Bryn Mawr Ave.- Suite 900 Chicago, IL 60631 1-866-529-7664 (888) 426-4851
Emergency telephone number	

2. HAZARDS IDENTIFICATION

Emergency Overview

No information available.

Aggravated Medical Conditions

None Known.

Principal Routes of Exposure

Eyes. Inhalation.

Potential health effects

Eyes	Contact with eyes may cause irritation.
Skin	Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. Rash.
Inhalation	When thermally decomposed, Teflon may cause polymer fume fever. Symptoms of polymer fume fever are chills, fever, and flu-like reaction.
Ingestion	No adverse affects expected.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Polytetrafluoroethylene	9002-84-0	60-100
Nickel	7440-02-0	3-7
Pigment	N/A	0.1-1

4. FIRST AID MEASURES

General advice	If no detectable pulse, begin Cardio Pulmonary Resuscitation (CPR).
Eye contact	In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Skin contact

Wash area thoroughly with soap and water. Remove and wash contaminated clothing before re-use. Seek medical attention if irritation persists.

Ingestion

Rinse mouth. Drink plenty of water. Seek medical attention.

Inhalation

Remove from exposure. Keep warm and quiet. Immediately give oxygen if victim turns blue (lips, ears, fingernails). Administer artificial respiration if not breathing. Seek medical attention immediately.

5. FIRE FIGHTING MEASURES

Flash point °C

Not Applicable

Flash point °F

Not Applicable

Method

Not Applicable

Autoignition temperature °C

Not Applicable

Autoignition temperature °F

Not Applicable

Flammability Limits (% in Air)

Upper

No data available

Lower

No data available

Suitable extinguishing media

Use extinguishing media appropriate to surrounding fire.

Special protective equipment for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Fire and Explosion Hazards

Combustible solid. Combustion ceases when flame is removed. Contact with open flame or hot surfaces may generate toxic fumes. Material does not support combustion. Decomposition on heating above (500F) (260C) results in the emission of toxic fumes.

Hazardous decomposition products

See Section 10.

Sensitivity to shock

No information available.

Sensitivity to static discharge

No information available.

6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up

Sweep up product.

7. HANDLING AND STORAGE

Handling

Use normal safe handling procedures.

Storage

Keep away from open flames, hot surfaces and sources of ignition.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Polytetrafluoroethylene	-	-	-	-
Nickel	1 mg/m ³	-	0.2 mg/m ³ inhalable fraction	-
Pigment	-	-	-	-

Ventilation and Environmental Controls

Adequate ventilation should be provided to keep exposure levels below current acceptable exposure limits.

Hygiene measures

General industrial hygiene practice.

Respiratory protection

Follow OSHA respirator regulations (29 CFR 1910.134) and if necessary, wear a MSHA/NIOSH approved respirator.

Hand Protection

Gloves are not required in normal use.

Eye protection

None necessary under normal use conditions.

Skin and body protection

None necessary under normal conditions.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Solid
Color	Yellow
Odor	None
Odor Threshold	Not Applicable
pH	Not Applicable
Specific Gravity	2.1
Vapor pressure	Not Applicable
Vapor density	Not Applicable
Evaporation Rate	Not Applicable
Water solubility	Insoluble
Partition Coefficient (n-octanol/water)	Not Applicable
Boiling point/range °C	Not Applicable
Boiling point/range °F	Not Applicable
Melting point/range °C	Not Applicable
Melting point/range °F	Not Applicable
Flash point °C	Not Applicable
Flash point °F	Not Applicable

10. STABILITY AND REACTIVITY

Stability

Stable.

Conditions to avoid

Metal hydrides. Aluminum chloride. Boranes. Avoid temperatures above 500 degrees F. Do not use on oxygen lines.

Incompatibility

Alkali metals. Oxidizers. Fluorine. Chlorine trifluoride. Metal hydrides. Ammonia. Selected amines. Imines. Nitric acid. Sodium hydroxide. Hydroxides.

Hazardous Decomposition Products

The thermal decomposition vapors of fluorinated polymers may cause polymer fume fever with flu-like symptoms in humans, especially when smoking contaminated tobacco. Carbonyl Fluoride.

Polymerization

Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Component Information

Chemical Name	LD50 (oral,rat)	LD50 (dermal,rat/rab bit)	LC50 (inhalation,rat)
Polytetrafluoroethylene 9002-84-0	-	-	-
Nickel 7440-02-0	9000 mg/kg	-	-
Pigment N/A	-	-	-

Synergistic Products

None known.

Specific Hazards

Symptoms of polymer fume fever are chills, fever, and flu-like reaction.

Potential health effects

Sensitization	None known.
Chronic toxicity	See Section 2.
Mutagenic effects	None known.
Teratogenic effects	None known.
Reproductive toxicity	None known.
Target Organ Effects	See Section 2.
Carcinogenic effects	See table below.

Chemical Name	ACGIH OEL - Carcinogens	IARC	NTP - Known Carcinogens	NTP - Suspected Human Carcinogens	OSHA RTK Carcinogens
Polytetrafluoroethylene	Not Listed	Group 3	Not Listed	Not Listed	Not Listed
Nickel	A5	Group 1 Group 2B	NTP-K	NTP-R	Listed
Pigment	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

X	-	X	Pigment	-	-
-	-				

CPR

This product has been classified in accordance with the hazard criteria of the Controlled Product Regulations and the MSDS contains all of the information required by the Controlled Product Regulations.

16. OTHER INFORMATION**12. ECOLOGICAL INFORMATION****Nickel****Water Flea Data**

1: 48 h *Daphnia magna* mg/L EC50 Static 100: 48 h *Daphnia magna* mg/L EC50

Prepared By

Maureen Ruggeberg, Regulatory Affairs Specialist

The information accumulated herein is believed to be accurate, but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

13. DISPOSAL CONSIDERATIONS**Waste from residues / unused products**

Dispose in accordance with federal, state, and local regulations.

14. TRANSPORTATION INFORMATION**DOT**

Not Regulated

TDG

Not Regulated

15. REGULATORY INFORMATION**US EPA SARA 313**

Chemical Name	US EPA SARA 313 Emission Reporting
Nickel	Listed

State Regulations

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
Polytetrafluoroethylene	Not Listed	Listed	Not Listed
Nickel	Listed	Listed	Carcinogen
Pigment	Not Listed	Not Listed	Not Listed

International Inventories

Chemical Name	EINECS	DSL	NDSL	TSCA	Polytetrafluoroethylene
-	X	-	X	Nickel	X