



LAWSON Products

Material Safety Data Sheet

Revision Date 07-Apr-2016

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product code 98664
Product name Nickel Anti-seize Tape
Recommended Use Adhesive

Supplier Lawson Products, Inc.
8770 W.Bryn Mawr Ave.- Suite 900
Chicago, IL 60631
1-866-529-7664
Emergency telephone number (888) 426-4851

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	5-10
Pigment	N/A	0.1-1
Petroleum distillates, hydrotreated light	64742-47-8	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. 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.

Product code **98664**Product name **Nickel
Anti-seize Tape****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	-	-	-	-
Petroleum distillates, hydrotreated light	-	-	-	-

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	Metallic
Odor	None
Odor Threshold	Not Applicable
pH	Not Applicable

Specific Gravity	2.7
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. Hydroxides. Sodium hydroxide.**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/rabbit)	LC50 (inhalation,rat)
Polytetrafluoroethylene 9002-84-0	-	-	-
Nickel 7440-02-0	9000 mg/kg	-	-
Pigment N/A	-	-	-
Petroleum distillates, hydrotreated light 64742-47-8	5000 mg/kg	2000 mg/kg	5.2 mg/L

Synergistic Products None known.**Specific Hazards** Symptoms of polymer fume fever are chills, fever, and flu-like reaction.

Product code **98664**Product name **Nickel
Anti-seize Tape****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 - Not Suspected as a Human Carcinogen	Group 1 Group 2B	NTP-K	NTP-R	Listed
Pigment	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Petroleum distillates, hydrotreated light	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

12. ECOLOGICAL INFORMATIONNickel**Water Flea Data**100: 48 h *Daphnia magna* mg/L EC50 1: 48 h *Daphnia magna* mg/L EC50 StaticPetroleum distillates, hydrotreated light**Water Flea Data**4720: 96 h *Den-dronereides heteropoda* mg/L LC50**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
Petroleum distillates, hydrotreated light	Not Listed	Not Listed	Not Listed

International Inventories

Chemical Name	EINECS	DSL	NDSL	TSCA	Polytetrafluoroethylene
-	X	-	X	Nickel	X
X	-	X	Pigment	-	-
-	-	Petroleum distillates, hydrotreated light	X	X	-
X					

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**Prepared By**

V. Shargorodsky, Regulatory Affairs Engineer

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.