GLC Products
206 Locust Street
Twin Falls ID 83301
Emergency Phone (24 Hour): 1-800-222-1222 Poison Control Center

MATERIAL SAFETY DATA SHEET

SECTION 1
IDENTITY
Teflon Seal Tape (PTFE Thread Seal Tape)

DESCRIPTION
Teflon Seal Tape is a polytetraflouroethlene unsintered tape.

SECTION 2 - Hazardous Ingredients/Identity Information

INGREDIENT CAS No Wt% TLV PEL
Polytetrafluoroethylene (PTFE) 9002-84-0 90-100 not established. (ª) not established.
(a)Thermal decomposition of the fluorocarbon chain in air leads to the formation of oxidized products containing carbon, fluorine and oxygen. Because these products decompose in part by hydrolysis in alkaline solution, they can be quantitatively provided an index of exposure. No TLVs are recommended at this time, but air concentration should be controlled as low possible.

Hazard Data Source: ACGIH Threshold Limit Values for 2011

SECTION 3 – Physical/Chemical Characteristics
Boiling Point: N/A ODOR: No odor
Melting Point (°C): 322-332 Appearance: Tape, White
Solubility in Water: Insoluble Density (□/□□^{3}): 4 types available (0.4, 0.7,0.8,1.2)
Service Temperature(C°): Max. 260

SECTION 4 – Fire and Explosion Hazard Data
Flash Point (Method used): non-flammable (Complies with U.L. 94V-0
Explosion Point (Method used): None
Extinguishing Media: Use what is appropriate for the surrounding fire.
Special Fire and Fighting Procedures: Persons exposed to thermal decomposition products of this material Should wear self-contained breathing apparatus, full protective equipment, and also gloves made of chloroprene rubber.
Unusual Fire and Explosion Hazards: Fluorocarbon polymer is non-flammable in air and will not propagate
Flame. However under high temperature they can yield toxic particles, Fumes, and gases. In case of fire, escape to the windward.

SECTION 5 – Reactivity Data
Stability: Stable under normal conditions, but it may react with Molten alkali such as metal sodium, and fluorine at high temperature and pressure.
Hazardous Decomposition or By-products: Do not use over service temperature (260°C). In case product is used above 260ºC ventilate well and do not inhale thermos degradation products.

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SECTION 6 – Health Hazard Data
Hazard Information:
Unheated fluorocarbon polymer product is inert, and there are no known instances of health hazard, when handling the unheated product. When heated at high temperature, it will thermally degrade, decompose, and produce toxic fumes. Inhalation of such fumes will cause "Polymer Fume Fever", which has symptoms very similar to influenza and can include headache, cough, fever, chills, chest discomfort. The symptoms do not occur until several hours after exposure and may pass within 36 to 48 hours, even in absence of treatment.
Carcinogenicity (Polytetrafluoroethylene):
IARC Group 3 3 – Not classifiable as its carcinogenicity to humans

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SECTION 7 – Precaution for Safe Handling and Use
Step to be taken in handling this product:
Keep away from heat and sources of ignition.
Precaution on waste disposal:
Do not incinerate. Obey local rules, laws, and regulations.

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SECTION 8 – Control Measures
For normal use, protective gears, such as masks, respirators, etc. are not specially needed. When used above 260ºC, toxic fumes will be produced from thermal degradation and/or decomposition of fluocarbone polymers and therefore proper ventilation equipment shall be installed and used.

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SECTION 9 – Special Precautions
Do not use for body transplantation and a contact with living body tissues and body fluids. The information provided on this material Safety Data Sheet is based on ACGIH Threshold Limit Values 2004 as of the date of issuance of the sheets. The purchaser shall follow these up-to-date rules and also your local rules, laws, regulations, etc.
Obey up-to-date local rules, laws, regulations. Etc.
Environmental Control Section/Technical Division

Gene Edwards
DATE: 1/11/2015
General Manger