

# MATERIAL SAFETY DATA SHEET

Issue date: June.30,2020

## SECTION 1-PRODUCT INFORMATION:

Product name: PTFE Thread Seal Tape

## SECTION 2-COMPOSITION/INFORMATION ON INGREDIENTS

Components: Polytetrafluoroethylene(PTFE)

OSHA PEL: Not applicable

ACHIH TLV: Not applicable

?: 99.9%

CAS NO: 9002-84-0

## SECTION 3-HAZARDS IDENTIFICATION

Inhalation: The health risk from PTFE relates to the possible inhalation of decomposition products.at temperatures in excess of 260 the polymer will progressively decompose and give rise to a number of harmful gases.the possible contamination of tobacco by PTFE should be avoided as this is a possible cause of a condition known as fume fever.

Skin contact: no skin problems should be arise from handling of PTFE Thread Seal Tape

Eye Irritation: Irrigate eyes with water if affected by fumes,obtain medical advice if irritation persists.

Ingestion: Not applicable.

## SECTION 4: first Aid measures

In the unlikely event of exposure to PTFE decomposition products,remove affected person from source,if symptoms of polymer fume fever or other respiratory problems occur,seek medical attention.

## SECTION 5: FIRE & EXPLOSION HAZARD DATA

Flash point: Not applicable Flammable Limits: Not applicable

LEL: Not applicable UEL; Not applicable

Appearance & odor: White & None Evaporation rate: Not Applicable

## SECTION 6:ACCIDENTAL RELEASE MEASURES/SPILLS AND LEAKS

Not applicable to this product.

## SECTION 7: HANDLING & STORAGE

Handling Precautions: The handling and fitting of this products does not warrant special precautions but good personal hygiene practices should be observed,exposure to decomposition products from PTFE must be avoided (It is unlikely that such exposure will result from intended product applications)

Storage Precaution: No special safety precautions are necessary.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION REQUIREMENTS: In confined areas local and general ventilation should be provided.ventilation systems must be designed according to approved engineering standards.

#### PERSONAL PROTECTION:

EYE: The wearing of protective glasses is recommended when handling any chemicals.

GLOVES: Only in the rare case where allergies are apparent are gloves necessary.

RESPIRATORY: Provide adequate ventilation in the workplace.

OTHER: Eating and smoking should be prohibited in areas where product is handled. Nothing replaces good personal hygiene. Coveralls or other full body clothing shall be worn and properly laundered after use. Workers should wash hands, face, neck and arms before eating, drinking or smoking.

#### SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

Boiling point: Not applicable                      Vapor pressure: Not Applicable

Vapor Density: Not applicable                      Solubility in Water: Insoluble

Appearance & odor: White & None              Evaporation rate: Not Applicable

#### SECTION 10: STABILITY & REACTIVITY

Stability: Very stable

-Incompatibility: Not established

-Hazardous Polymerization: Not occur

#### SECTION 11. TOXICOLOGICAL INFORMATION

Exposure limits: The limits reported in section 2 of this documents refer to other physical forms of the ingredients present in this product. limits for the formulated product have not been determined.

None of the components of this product have been reported as carcinogenic by NTP, OSHA or IARC.

#### SECTION 12: ECOLOGICAL INFORMATION

General: No special Procedures.

#### SECTION 13: DISPOSAL INFORMATION

Waste materials must be disposed of in accordance with your municipal, state, provincial and federal regulations, contact the proper authorities for specific instructions, avoid incineration.

#### SECTION 14: TRANSPORTATION INFORMATION

DOT HAZARD CLASS: Not regulated

PROPER SHIPPING NAME: Not regulated

IDENTIFICATION NUMBER: Not listed

#### SECTION 15: REGULATORY INFORMATION

Not applicable to this product

#### SECTION 16: OTHER INFORMATION

PTFE Thread Seal Tape is resistant to attack from a range of chemical media including strong acids, alkalis and organic solvents. It is suitable for use on threaded connections. It is recommended for sealing against compressed air, nitrogen, oxygen, saturated steam and potable water.