

# MATERIAL SAFETY DATA SHEET

## 1. PRODUCTS AND COMPANY IDENTIFICATION

Product Name: Seal Tape

Applications: Thread Sealing

Supplier: Asada Corporation

Address: 3-60 Kamiida-Nishimachi, Kita-Ku, Nagoya, Japan

Telephone Number: 81-52-914-7031(Japan)

## 2. HAZARD IDENTIFICATION

Principal Hazards: None

Specific Risks: None

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS #	WT%	PEL
Polytetrafluoroethylene	9002-84-0	100	Not Available

## 4. FIRST AID MEASURES

Inhalation: Supply fresh air consult doctor in case of complaints

Skin Contact: Immediately wash with water and soap and rinse thoroughly. After contact with the molten product, cool rapidly with cold water.

Eye Contact: Rinse opened eye for several minutes under running water

Ingestion: If symptoms persist consult doctor

## 5. FIRE FIGHTING MEASURES

Extinguishing Media: Powder, water spray, and CO<sub>2</sub>, Fight lager fires with water spray or alcohol resistant foam.

Combustion Products: Formation of toxic gases is possible during heating or in case of fire.

Protection Equipment: Wear fully protective suit.

## 6. ACCIDENTAL RELEASE MEASURES

General Information: Do not allow product to reach sewage system or any water course

Measures for cleaning/collecting: Pick up mechanically

Additional Information: Wear fully protective suit.

## **7. HANDLING AND STORAGE**

Handling: Extractors are required on all machines used for thermal processing or splinter removal processes.

Storage: No special requirements. Protect from contamination.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Ingredients with limit values that require monitoring at the workplace: Not required.

Additional information: The lists valid during the making were used as a basis.

Personal Protective Equipment

General Protective and Hygiene Measures: Wash hands before breaks and at the end of work. Keep away from tobacco products.

Respiratory Protection: For conditions where exist a potential for significant exposure to fume and or toxic vapors.

Use a full face mask with the acid and organic vapor cartridges.

Protection of Hands: Synthetic rubber gloves.

Body Protection: Protective work clothing.

## **9. PHYSICAL AND CHEMICAL PROPERTIES AND TEST METHOD**

Appearance: Powder

Content: 100% PTFE material

Colour: White

Odor: Odorless

Boiling Point: 320 – 330°C

Flash Point: N/A

Decomposition Temp.: 470°C

Density: 2.1-2.2g/cm<sup>3</sup> (Test Method: JIS K 6892)

Particle size (Avg.) 530  $\mu$  m (Test Method: JIS K 6891)

Flammability (solid gaseous): Product is not flammable

Danger of explosion: Product does not present an explosion hazard

Solubility in Water: Insoluble

## **10. STABILITY AND REACTIVITY**

Dangerous Reactions: No dangerous reactions known..

Conditions to Avoid: Even at the temperatures reached during the normal hot

processing of the fluoropolymers, fume will be generated that will present a potential health hazard.

To avoid thermal decomposition do not overheat

Decomposition products: Danger of toxic fluorine based paralysis products.

## **11. TOXICOLOGICAL INFORMATION**

Acute Toxicity: No data

## **12. ECOLOGICAL INFORMATION**

Ecological Effects: No data

General Notes: The product is insoluble in water and the biodegradation and ecotoxicity is expected to be low.

## **13. DISPOSAL CONSIDERATIONS**

Recommendations: Disposal must be made according to official regulations.

Uncleaned Packages: Disposal must be made according to official regulations.

## **14. TRANSPORT INFORMATION**

UN "Model Regulation"

## **15. REGULATORY INFORMATION**

Safety Phrases: Keep away from heat.

When using: Do not smoke.

## **16. OTHER INFORMATION**

Abbreviations and acronyms:

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.