

Material Safety Data Sheet

1. Material and company information

1.1 Product name: PTFE Spacer Wrap

Chemical name: Poly tetra fluoroethylene

CAS No: 9002-84-0

1.2 Supplier's Name: Integrity Products & Supplies Inc.

Address: #188, 2121 Premier Way, Sherwood Park, AB T8H 0B8

Phone: 250-264-8374

2. Composition & Information on Ingredients

2.1 Substances

- CAS No. Description

9002-84-0 Polytetrafluoroethylene

• Remark: This product contains substance Polytetrafluoroethylene (CAS No.9002-84-0) 100% by weight.

3. Hazards Identification

3.1 Classification of the substance or mixture

- Classification according to Regulation (EC) No 1272/2008

The substance is not classified according to the CLP regulation.

- Information concerning particular hazards for human and environment:

The product has not to be labelled due to the calculation procedure of Regulation (EC) No. 1272/2008.

3.2 Label elements

- Labelling according to Regulation (EC) No 1272/2008 Not applicable
- Hazard pictograms Not applicable
- Signal word Not applicable
- Hazard-determining components of labelling: Not applicable
- Hazard statements Not applicable
- Precautionary statements Not applicable

3.3 Other hazards

- Results of PBT and vPvB assessment
- PBT: Not applicable
- vPvB: Not applicable

4. First Aid Measures

4.1 Description of first aid measures

- After inhalation: Supply fresh air; consult doctor in case of complaints.

- After skin contact:

Wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

- After eye contact:
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

- After swallowing:
Rinse mouth with water.
Never give anything by mouth to an unconscious person.
Seek medical treatment.

4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed
No further relevant information available.

5. Measures and means for fire safety

5.1 Extinguishing media

- Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.

5.2 Special hazards arising from the substance or mixture No further relevant information available.

5.3 Advice for firefighters

- Protective equipment:
Wear fully protective suit.
Mouth respiratory protective device.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures
Ensure adequate ventilation.
Avoid formation of dust.

6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:
Pick up mechanically.
Dispose contaminated material as waste according to section 13.

6.4 Reference to other sections
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7. Handling and Storage regulations

7.1 Precautions for safe handling
Ensure good ventilation/exhaustion at the workplace.
Keep away from heat and direct sunlight.
Prevent formation of dust.
For the general occupational hygienic measures refer to section 8.

- Information about fire - and explosion protection: Normal measures for preventive fire protection.

7.2 Conditions for safe storage, including any incompatibilities:

- Requirements to be met by storerooms and receptacles: Store in a cool location.

- Information about storage in one common storage facility:

Store away from foodstuffs.

Store away from oxidizing agents.

- Further information about storage conditions: Store in cool, dry conditions in well sealed receptacles.

7.3 Specific end use(s) No further relevant information available.

8. Exposure Control / Personal Protection

8.1 Control parameters

- Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

- DNELs: Data not available

- PNECs: Data not available

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

8.2 Exposure controls

- Based on composition shown in Section 3, the following measures are suggested for occupational safety measure:

- Appropriate engineering controls: See Section 7 for information about design of technical facilities.

- Personal protective equipment:

- Respiratory protection: Suitable respiratory protective device recommended.

- Protection of hands:

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

- Material of gloves:

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

- Penetration time of glove material:

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- Eye protection: Safety glasses

- Environmental exposure controls:

Control measures must be made in accordance with Community environmental protection legislation.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance:
 - Form: Solid
 - Colour: White
- Odour: Odourless
- Odour threshold: Data not available
- pH-value: Data not available
- Melting point/freezing point: Data not available
- Initial boiling point and boiling range: Data not available
- Flash point: Data not available
- Flammability (solid, gas): Data not available
- Auto-Ignition temperature: Data not available
- Decomposition temperature: Date not available
- Self-igniting: Product is not selfigniting.
- Explosive properties: Product does not present an explosion hazard.
- Explosion limits:
 - Lower: Data not available.
 - Upper: Data not available.
- Oxidising properties: Data not available
- Vapour pressure: Date not available
- Density: Data not available
- Relative density: Data not available
- Vapour density: Date not available
- Evaporation rate: Data not available
- Solubility in / Miscibility with water: Data not available
- Partition coefficient: n-octanol/ water: Data not available
- Viscosity:
 - Dynamic: Data not available
 - Kinematic: Data not available

9.2 Other information No further relevant information available.

10. Stability and Reactivity

10.1 Reactivity No decomposition if used according to specification.

10.2 Chemical stability Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions No dangerous reactions known.

10.4 Conditions to avoid No further relevant information available.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products: No dangerous decomposition products known.

11. Toxicological information

11.1 Information on toxicological effects

- Acute toxicity Based on available data, the classification criteria are not met.
- LD/LC50 values relevant for classification: Data not available
- Skin corrosion/irritation: Based on available data, the classification criteria are not met.
- Serious eye damage/irritation: Based on available data, the classification criteria are not met.
- Respiratory or skin sensitisation: Based on available data, the classification criteria are not met.
- Germ cell mutagenicity: Based on available data, the classification criteria are not met.
- Carcinogenicity: Based on available data, the classification criteria are not met.
- Reproductive toxicity: Based on available data, the classification criteria are not met.
- STOT-single exposure: Based on available data, the classification criteria are not met.
- STOT-repeated exposure: Based on available data, the classification criteria are not met.
- Aspiration hazard: Based on available data, the classification criteria are not met.

12. Ecological Information

12.1 Toxicity

- Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability No further relevant information available.

12.3 Bioaccumulative potential No further relevant information available.

12.4 Mobility in soil No further relevant information available.

12.5 Results of PBT and vPvB assessment

- PBT: Not applicable.
- vPvB: Not applicable.

12.6 Other adverse effects No further relevant information available.

12.7 Additional ecological information:

- General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13. Disposal Considerations

13.1 Waste treatment methods

- Recommendation Smaller quantities can be disposed of with household waste.
- Uncleaned packaging:
- Recommendation: Disposal must be made according to official regulations.

14. Transport Information

14.1 UN-Number

- ADR/RID/ADN, IMDG, IATA: Not applicable

14.2 UN proper shipping name

- ADR/RID/ADN, IMDG, IATA: Not applicable

14.3 Transport hazard class(es)

- ADR/RID/ADN, IMDG, IATA
- Class: Not applicable
- Label: Not applicable

14.4 Packing group

- ADR/RID/ADN, IMDG, IATA: Not applicable

14.5 Environmental hazards: Not applicable.

14.6 Special precautions for user: Not applicable.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code: Not applicable.

14.8 Transport/Additional information: Not dangerous according to the above specifications.

- UN "Model Regulation": Not applicable

15. Regulatory information

Follow all regulations in your country.

16. Other information

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