

Safety Data Sheet (SDS)

Product Name: SolarTeflon® Coating

Product Use: Protective coating for solar panels.

SDS ID: ST-SDS-1.0 | **Issue Date:** 26-Oct-2023

1. Identification

- **Manufacturer:** SolarTeflon Inc.
- **Emergency Contact:** safety@solarteflon.com

2. Hazards Identification

- **Classification:** Not a hazardous substance or mixture.
- **Signal Word:** No signal word.
- **Hazards:** None under normal conditions of use.

3. Composition/Information on Ingredients

- **Mixture of non-hazardous ingredients:** Proprietary blend of surfactants, silicon dioxide, and other non-hazardous components in a water base.
- **Note:** Exact formulation is a protected trade secret. No hazardous components are present at levels requiring reporting.

4. First-Aid Measures

- **Inhalation:** Move to fresh air.
- **Skin Contact:** Wash with soap and water.
- **Eye Contact:** Rinse with water for 15 minutes.
- **Ingestion:** Rinse mouth. Drink water. Seek medical attention if discomfort occurs.

5. Fire-Fighting Measures

- **Extinguishing Media:** Use water, foam, dry chemical, or CO₂.
- **Flash Point:** Not flammable.
- **Hazardous Combustion Products:** None.

6. Accidental Release Measures

- Contain spill. Absorb with inert material. Flush area with water.

7. Handling and Storage

- Store in cool, dry place. Keep container tightly closed.

8. Exposure Controls/Personal Protection

- **Ventilation:** Use adequate ventilation.
- **PPE:** Safety glasses and gloves recommended.

9. Physical and Chemical Properties

- **Appearance:** Clear liquid
- **Odor:** Faint characteristic odor
- **pH:** ~7.0 (Neutral)
- **Solubility:** Miscible with water

10. Stability and Reactivity

- **Stability:** Stable
- **Conditions to Avoid:** Freezing temperatures
- **Incompatible Materials:** None known

11. Toxicological Information

- Based on available data, not classified as hazardous.

12. Ecological Information

- Not expected to be ecotoxic.

13. Disposal Considerations

- Dispose in accordance with local regulations.

14. Transport Information

- Not regulated as dangerous goods.

15. Regulatory Information

- This product is not subject to OSHA hazard communication standard reporting requirements.