

	Product Wafer MSDS	Rev 1.0
		28.01.2025

MATERIAL SAFETY DATA SHEET

Section 1: Identification

Product Name: Silicone Wafer

Manufacturer: Intel Corporation

Address: FAB 11X Rio Rancho, 1600 Rio Rancho Blvd. S.E., Rio Rancho, NM, USA 87124-1025

Product Code: PRODUCT WAFER 300mm

Date of Issue: 24-Jan-2025

Emergency Contact: [+1 505-893-7000](tel:+15058937000)

Section 2: Hazard Identification

Hazard Classification: Not classified as hazardous under OSHA Hazard Communication Standard (29 CFR 1910.1200).

Potential Health Effects:

Inhalation: Not expected to be a hazard under normal conditions.

Skin Contact: Not expected to be a hazard under normal conditions.

Eye Contact: Not expected to be a hazard under normal conditions.

Ingestion Not expected to be a hazard under normal conditions.

Section 3: Composition/Information on Ingredients

- **Chemical Composition:**

- **Silicon (Si):** 99.04% (*calculated as 990356 mg/kg = 99.04%)
- **Aluminum (Al):** 0.0571% (*571 mg/kg = 0.0571%)
- **Copper (Cu):** 0.837% (*8370 mg/kg = 0.837%)

	Product Wafer MSDS	Rev 1.0
		28.01.2025

- **Boron (B):** 0.0037% (*37 mg/kg = 0.0037%)
- **Nickel (Ni):** 0.0038% (*38 mg/kg = 0.0038%)
- **Tantalum (Ta):** 0.0469% (*469 mg/kg = 0.0469%)
- **Titanium (Ti):** 0.0156% (*156 mg/kg = 0.0156%)
- **Calcium (Ca):** 0.0003% (*3 mg/kg = 0.0003%)
- **Other Elements:** Not detected (n.d.) or below the method detection limit (MDL)

Section 4: First Aid Measures

Inhalation: Not expected to be a hazard under normal conditions

Skin Contact Not expected to be a hazard under normal conditions

Eye Contact: Not expected to be a hazard under normal conditions

Ingestion: Not expected to be a hazard under normal conditions

Section 5: Fire-Fighting Measures

Extinguishing Media: Use appropriate extinguishing media for the surrounding fire.

Special Hazards: None known.

Protective Equipment: Wear self-contained breathing apparatus and full protective gear.

Section 6: Accidental Release Measures

Spill Handling: Avoid creating dust. Collect spilled material using appropriate tools and place them in a sealed container for disposal.

Section 7: Handling and Storage

Handling: Handle in accordance with good industrial hygiene and safety practices. Avoid creating dust.

	Product Wafer MSDS	Rev 1.0
		28.01.2025

Storage: Store in a cool, dry place. Keep the box tightly closed.

Section 8: Exposure Controls/Personal Protection

Engineering Controls: Use local exhaust ventilation to control dust.

Personal Protective Equipment (PPE):

Respiratory Protection: Use if dust is generated.

Hand Protection: Wear gloves.

Eye Protection: Safety glasses.

Skin Protection: Wear protective clothing.

Section 9: Physical and Chemical Properties

Appearance: Solid wafer

Odor: Odorless

pH: Not applicable

Melting Point/Freezing Point: Not applicable

Boiling Point: Not applicable

Flash Point: Not applicable

Flammability: Non-flammable

Solubility: Insoluble in water

Section 10: Stability and Reactivity

Chemical Stability: Stable under normal conditions.

Conditions to Avoid: Avoid strong acids and bases.

	Product Wafer MSDS	Rev 1.0
		28.01.2025

Incompatible Materials: None known.

Hazardous Decomposition Products: None known.

Section 11: Toxicological Information

Acute Toxicity: Not expected to be toxic under normal conditions.

Chronic Toxicity: No data available.

Carcinogenicity: Not classified as carcinogenic.

Section 12: Ecological Information

Ecotoxicity: No data available.

Persistence and Degradability: No data available.

Bio accumulative Potential: No data available.

Mobility in Soil: No data available.

Section 13: Disposal Considerations

Disposal Methods: Dispose of in accordance with local, state, and federal regulations.

Section 14: Transport Information

DOT Classification: Not regulated.

UN Number: Not applicable.

Packing Group: Not applicable.

	Product Wafer MSDS	Rev 1.0
		28.01.2025

Section 15:

Regulatory Information

OSHA: Not classified as hazardous.

SARA Title III: Not regulated.

Section 16:

Other Information

Disclaimer:

The information provided in this MSDS is based on the data available at the time of issue. The user should verify the accuracy and applicability of the information for their specific use.