



## Titanium Photomask Blank

# SAFETY DATA SHEET

### Section 1: Identification

**Product Name:** Photomask Blank – Titanium

**Chemical Name/Synonyms:** Photomask Blank – Titanium

**Company:** International Photoplate D.B.A Nanofilm

**In emergency call 911.**

**For information about this SDS, use this department contact phone#:** 805-496-5031

### Section 2: Hazard(s) Identification

**Hazard Classification:** N/A

**Signal Word(s):** N/A

**Hazard Statements:** N/A

**Pictograms:** N/A

**Precautionary Statements:** P102,

**Description of other hazards:** Harmful when broken, can cause lacerations if not handled correctly

### Section 3: Composition/ Information on Ingredients

Chemical Name	Synonym	CAS#	Conc.
Titanium	Titanium	7440-32-6	N/A

### Section 4: First-Aid Measures

**After skin contact:** Harmful when broken can cause lacerations if not handled correctly

**After eye contact:** Harmful when broken can cause lacerations if not handled correctly

**After inhalation:** Harmful when broken can cause lacerations if not handled correctly

**After swallowing:** Harmful when broken can cause lacerations if not handled correctly

### Section 5: Fire-Fighting Measures

**Suitable extinguishing agents:** All suppression techniques work without reaction

**Special protective equipment for firefighters:** N/A

### Section 6: Accidental Release Measures

**Personal precautions:** N/A  
**Measures for environmental protection:** N/A  
**Measures for cleaning/collecting:** N/A

### Section 7: Handling and Storage

**Handling:** Product should be handled in a delicate manner  
**Storage:** Product should be stored cool dry place away from direct sunlight

### Section 8: Exposure Controls/Personal Protection

Chemical Name	OSHA PEL	OSHA PEL (ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
N/A	N/A	N/A	N/A	N/A

**General protective and hygienic measures:** Product should be handled in a delicate manner  
**Breathing equipment:** N/A  
**Protection of hands:** Product should be handled in a delicate manner  
**Eye protection:** Product should be handled in a delicate manner

### Section 9: Physical and Chemical Properties

**Form:** Solid (rectangular, square, or circular in appearance)  
**Odor:** N/A  
**Odor threshold:** N/A  
**pH:** N/A  
**Melting point/melting range:** N/A  
**Boiling point/boiling range:** N/A  
**Flash point:** N/A  
**Evaporation rate:** N/A  
**Flammability:** N/A  
**Upper/lower flammability or explosive limits:** N/A  
**Auto ignition temperature:** N/A  
**Danger of explosion:** N/A  
**Vapor pressure:** N/A  
**Vapor density:** N/A  
**Relative density:** N/A  
**Solubility in/Miscibility with water:** N/A

### Section 10: Stability and Reactivity

**Reactivity:** N/A  
**Chemical stability:** Stable

**Conditions to avoid:** N/A  
**Incompatible materials:** N/A  
**Hazardous decomposition products:** N/A

### Section 11: Toxicological Information

**Acute toxicity:** N/A  
**Potential routes of exposure/potential health effects**  
**Skin:** N/A  
**Eye:** N/A  
**Inhalation:** N/A  
**Ingestion:** N/A  
**Carcinogenic effects:** N/A  
**Mutagenic effects:** N/A  
**Reproductive toxicity:** N/A  
**Sensitization:** N/A  
**Target organs:** N/A

### Section 12: Ecological Information (non-mandatory)

**Eco toxicity:** N/A  
**Mobility:** Can be transferred safely  
**Biodegradation:** N/A  
**Bioaccumulation:** N/A

### Section 13: Disposal Considerations (non-mandatory)

Product doesn't contain any harmful components and can be disposed of in a safe and responsible manner

### Section 14: Transport Information (non-mandatory)

**DOT regulations:** N/A

- **Hazard class:** N/A
- **Land transport ADR/RID (cross-border):** N/A
- **ADR/RID class:** N/A
- **Maritime transport IMDG:** N/A

**Air transport ICAO-TI and IATA-DGR:** N/A

- **ICAO/IATA Class:** N/A

### Section 15: Regulatory Information (non-mandatory)

**US Federal Regulations**  
**SARA Section 355 (extremely hazardous substances):** N/A  
**SARA Section 313 (specific toxic chemical listings):** N/A

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs):** N/A  
**TSCA (Toxic Substances Control Act):** N/A

**Section 16: Other Information**

**SDS date of preparation/update:** 10/12/2023