



Iron Oxide Photomask Blank

SAFETY DATA SHEET

Section 1: Identification

Product Name: Photomask Blank – Iron Oxide
Chemical Name/Synonyms: Photomask Blank – Iron Oxide
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.
Iron Oxide	Iron Oxide	1332-37-2	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