

Material Safety Data Sheet
 May be used to comply with
 OSHA's Hazard Communication Standard,
 29 CFR 1910.1200. Standard must be
 consulted for specific requirements.

U. S. Department of Labor
 Occupational Safety and Health Administration
 (Non-Mandatory Form)

IDENTITY (As Used on Label and List)
 Kimoplate e²

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name

KIMOTO CO., LTD.

Emergency Telephone Number

Address (Number, Street, City, State, and ZIP Code)

19-1 Shinjuku 2-chome Shinjuku-ku Tokyo 160-0022 Japan

Telephone Number for Information
 03-3350-6401

Date Prepared
 Dec. 19. 2002

Signature of Prepared (optional)

Section II – Hazardous Ingredients / Identity Information

Hazardous Components

(Specific Chemical Identity; Common Name(s))

OSHA PEL

ACGIH TLV

Other Limits
 Recommended

% (Optional)

Titanium dioxide(CAS No.13463-67-7)

1~5

Total dust

15mg/m³-TWA

10mg/m³-TWA

Section III – Physical / Chemical Characteristics

Boiling Point

N.A.

Specific Gravity (H₂O=1)

1.3

Vapor Pressure (mm Hg)

N.A.

Melting Point
 (As Polyester film)

Approximately
 260°C

Vapor Density (AIR=1)

N.A.

Evaporation Rate
 (Butyl Acetate=1)

N.A.

Solubility in Water

Insoluble

Appearance and Odor

White film. Odorless.

Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used)

No data.

Flammable Limits

LEL

N.A.

UEL

N.A.

Extinguishing Media

Water, Dry Chemical, CO₂, Foam

Special Fire Fighting Procedures

Wear self-contained breathing apparatus.

Unusual Fire and Explosion Hazards

None

N.A.=Not Applicable

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Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	x	None

Incompatibility (Material to Avoid)

Strong oxidizing agents.

Hazardous Decomposition or Byproducts

Carbon monoxide on incomplete combustion.

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	x	None

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	No	No	No

Health Hazards (Acute and Chronic)

N.A.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	No	No	No

Signs and Symptoms of Exposure

N.A.

Medical Conditions

Generally Aggravated by Exposure

N.A.

Emergency and First Aid Procedures

N.A.

Section VII - Precaution for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

N.A.

Waste Disposal Method

Incineration or landfill. Dispose of accordance with local, state and federal regulations.

Precautions to Be Taken in Handling and Storing

No special handling and storing required.

Other Precautions

Keep away from open flame.

Section VIII - Control Measures

Respiratory Protection (Specify Type)

Not required

Ventilation	Local Exhaust	Special
	Mechanical (General)	Other

Protection Gloves

Not required

Eye Protection

Not required

Other Protective Clothing or Equipment

Not required

Work / Hygienic Practices

Wash hands after handling.