



Xenomax - Japan Co., Ltd.

XENOMAX®

First issue : Apr. 17, 2019

Date of revision : Sep. 1st, 2022

SDS No.1678F

Safety Data Sheet

1 Chemical product and company identification

Identification of the product	High heat resistant polyimide film XENOMAX®
SUPPLIER	
Name	Xenomax-Japan Co., Ltd.
Address	10-24 Toyo-cho, Tsuruga, Fukui 914-8550, Japan
Telephone No.	+81-770-21-4785
Emergency Telephone No.	+81-770-21-4785
Fax No.	+81-770-21-4786
Recommended uses and restriction on use	Insulation film for Print Circuit Board etc.

2 Hazards identification

Important hazards	
Physical and chemical hazards	Dangerous reactions or fire explosion are not caused under usual environment. Combustible with the existence of ignition source.
Chemical product-specific hazards	Toxic gases (Carbon monoxide, Hydrogen cyanide etc.) may be generated by heat decomposition or imperfect combustion and may cause the irritation of respiratory organ and eyes.
GHS classification	Not classified

3 Composition/information on ingredients

Chemical Product	Article
Systematic chemical name	Polyimide film
CAS No.	trade secret
Concentration	>99.5%
Ingredients Contributing to the Hazard	Substances classified as hazardous are less than 0.1%.

4 First-aid measures

Inhalation	Remove to fresh air if effect occurs. Seek medical advice/attention.
Skin contact	Wash off in running water or shower.
Eye contact	Rinse cautiously with water for several minutes. If irritation persists, seek medical advice/attention.
Ingestion	Induce vomiting. If indisposition continues, seek medical advice/attention.

5 Fire-fighting measures

Extinguishing media	Water, Carbon Dioxide, Foam, Dry Chemical Powder
Specific hazards	Emits toxic gas containing such as hydrogen cyanide or carbon monoxide under fire or high temperature.
Specific extinguishing methods	Extinguish with a lot of water from the windward side.
Precautions for fire-fighters	Wear self-contained breathing apparatus and protective clothing at large scale fires.



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6 Accidental release measures

Personal precautions, protective equipment and emergency procedure	Take care not to slip on the film and not to scratch eyes or skin by the edges.
Environmental precautions	Do not dispose of or stay in environment.
Methods and materials for containment	Sweep-up thoroughly with a vacuum-cleaner or a broom.

7 Handling and storage

Handling	
Technical measures	It is necessary to discharge the electrostatic charges built up during processing or handling the film by electrostatic discharger. Wear the protective equipment to avoid scratching the skin or eyes. A good ventilation and local exhaust system is necessary for powder-generating operations.
Precautions	Do not drop, or destroy containers for heavy load.
Storage	
Technical measures	Keep away from flame and heat-source.
Incompatible substances and mixtures	Strong oxidizing agents
Packaging materials	Paper or corrugated board

8 Exposure controls and personal protection

Engineering controls	A good ventilation and local exhaust system is necessary for powder-generating operations. Eye washing apparatuses and showers should be provided near the work place.
Personal protective equipment	
Respiratory Protection	Dust mask when dust generating operations.
Hand Protection	Protective gloves
Eye Protection	Protective glasses or goggles
Skin and Body Protection	In order to prevent skin-abrasion or friction-burn, protective clothing should be worn.

9 Physical and chemical properties

Physical State, Form, Colour	Solid plastic film, golden yellow to reddish brown
Odor	None
Melting point	Not applicable
Flash Point	Not applicable
Explosion Properties	None at ambient temperature
Density	1.49 to 1.52 g/cm ³ (at 30°C)
Solubility	Insoluble in water and organic solvent

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10 Stability and reactivity

Chemical stability and hazardous reactions	None
Conditions to avoid	Open fire
Incompatible materials	Strong oxidizing agents
Hazardous decomposition products	Toxic gases (Carbon monoxide, Hydrogen cyanide etc.) are generated by heat decomposition or imperfect combustion.

11 Toxicological information

Acute Toxicity etc.	Although there is no data on this product, acute toxicity, etc. is thought to be very low.
Skin corrosion/irritation	Film edge may cause slight irritation to skin.

12 Ecological information

Ecotoxicity	Because of a polymer, ecotoxicity is thought to be low.
Persistence and degradability	Persist for a long time in environment.
Bioaccumulative potential	Unlikely to occur.
Mobility in soil	Unlikely to move in environment.

13 Disposal considerations

Waste from residues	Disposes of in accordance with all applicable local and national laws and regulations.
Contaminated container and	Dispose of as well as the material.

14 Transport information

International Regulations	
UN number, classification	Not classified
Special precautions for user	Do not drop, overturn, or destroy containers for heavy load.

15 Regulatory information

Follow all of the laws and regulations in your country.

16 Other information

Notice	The information in this SDS, to the best of our knowledge, is accurate and correct. However, Xenomax-Japan makes no warranty and assumes no liability whatsoever in connection with any use of this information. The SDS is subject to revision as new information becomes available.
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