

MATERIAL SAFETY DATA SHEET

1 PRODUCT AND COMPANY IDENTIFICATION

Product Name: Panlite® L-1225L

Product No.: L1225L-0101En

Supplier:

TEIJIN CHEMICALS LTD. Japan2

2-1, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-8585, 89-973-7103

Japan

Corporate Social Responsibility Staff Office

TEL: +81 3-3506-4717

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Emergency Telephone:

Matsuyama factory quality assurance section TEL: +81

Intended Use: Resin

2 HAZARDS IDENTIFICATION

Symbol(s):

None.

Signal Word: None.

Physical Hazards

Physical State: Pellets

Hazard Classification: Not classified.

Health Hazards

Hazard Class	Hazard Category	Hazard Statement
Acute Toxicity - Oral	Not classified	
Acute Toxicity - Dermal	Not classified	
Acute Toxicity - Inhalation (Gas or Vapor or Dust/mist/fume)	Not classified	
Skin Corrosion/Irritation	Not classified	
Eye Damage/Irritation	Not classified	
Sensitization - Respiratory	Not classified	
Sensitization - Skin	Not classified	
Germ Cell Mutagenicity	Not classified	
Carcinogenicity		
Reproductive Toxicity	Not classified	
Target Organ (Single Exposure)	Not classified	
Target Organ (Repeated Exposure)	Not classified	
Aspiration Hazard	Not classified	

Environmental Hazards

Hazard Classification: Not classified.

Precautionary Statement(s):

Prevention

Observe good industrial hygiene practices.

Response

Get medical advice/attention if you feel unwell.

Storage

Store in a closed container.

Disposal

Dispose of waste and residues in accordance with local authority requirements.

National Information: See section 15 for regulatory information.

3	COMPOSITION / INFORMATION ON INGREDIENTS
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Substance or Preparation: The product is a mixture.

Chemical Name	Concentration*	Class Reference Number		CAS-No.
		ENCS No.	ISHL No.	
Polycarbonate resin	95 - 100%	(7)-738	(7)-738	25971-63-5

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

Hazardous Component(s): The product does not contain substance that should be declared under "PRTR and Promotion of Chemical Management Law", nor "Industrial Safety and Health Law", nor "Poisonous and Deleterious Substances Control Law".

4	FIRST AID MEASURES
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In Case of Inhalation: Move injured person into fresh air and keep person calm under observation.

Eye Contact: Dust in the eyes: Do not rub eye. Flush thoroughly with water. If irritation occurs, get medical assistance.

Skin Contact: Rinse with water. Get medical attention promptly if symptoms occur after washing.

Ingestion: Rinse mouth thoroughly. Large quantities: Get medical attention if symptoms occur.

Likely Acute or Delayed Symptoms/Effects: None.

Personal Protection for First-aid Responders: First aid personnel should wear C grade protection equipment during rescue.

Note to Physician: Treat symptomatically.

5	FIRE-FIGHTING MEASURES
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Extinguishing Media: Use fire-extinguishing media appropriate for surrounding materials.

Unsuitable Extinguishing Media: None.

Special Fire Fighting Procedures: Use standard firefighting procedures and consider the hazards of other involved materials.

Unusual Fire & Explosion Hazards: During fire, gases hazardous to health may be formed.

Hazardous Combustion Products: Carbon Dioxide, Carbon Monoxide

Protective Measures: Selection of respiratory protection for fire fighting: follow the general fire precautions indicated in the workplace.

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid inhalation of dust. See Section 8 of the MSDS for Personal Protective Equipment.

Spill Cleanup Methods: Collect and dispose of spillage as indicated in section 13 of the MSDS.

Environmental Precautions: Do not allow to enter drains, sewers or watercourses.

7 HANDLING AND STORAGE

Handling: Avoid prolonged and repeated contact. Use work methods which minimize dust production. Observe good industrial hygiene practices.

Storage: Store in closed original container in a dry place. Store away from incompatible materials.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure / Threshold Limit Values: Japan Society of Occupational Health, class 3 dust (limestone, other inorganic and organic dusts): respirable dust 2 mg/m³, total dust 8 mg/m³.

Engineering Controls: Provide adequate ventilation.

Respiratory Protection: Wear respirator if there is dust formation.

Eye Protection: Use tight fitting goggles if dust is generated.

Hand Protection: For prolonged or repeated skin contact use suitable protective gloves.

Skin Protection: No protection is ordinarily required under normal conditions of use.

Hygiene Measures: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9 PHYSICAL AND CHEMICAL PROPERTIES

Molecular Weight: No data available.

Physical State: Pellets
Color: No data available.
Odor: None
Odor Threshold: No data available.
pH: Not applicable
Melting Point: 240°C (464°F) (Approximate)
Freezing Point: No data available.
Boiling Point: Not applicable.
Relative Density: 1.2
Vapor Pressure: No data available.
Vapor Density (Air=1): No data available.
Evaporation Rate: No data available.
Solubility in Water: Insoluble
Solubility (Other): No data available.
Partition Coefficient (n-Octanol/water): No data available.
Viscosity: No data available.
Flash Point: >522°C (972°F)
Autoignition Temperature: >550°C (1022°F)
Flammability Limit - Lower (%): No data available.
Flammability Limit - Upper (%): No data available.
Explosive Properties: No data available
Decomposition Temperature: No data available.

10	STABILITY AND REACTIVITY
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Stability: Material is stable under normal conditions.

Conditions to Avoid: None known.

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition Products:

At Elevated Temperatures: Carbon Dioxide, Carbon Monoxide

Possibility of Hazardous Reactions: Will not occur.

11	TOXICOLOGICAL INFORMATION
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In Case of Inhalation: Dust may irritate respiratory system or lungs.

Eye Contact: Dust in the eyes will cause irritation. May cause redness and pain.

Skin Contact: No adverse effects due to skin contact.

Ingestion: May cause discomfort if swallowed.

Sensitization: No data available.

Listed Carcinogens: None.

Mutagenesis: No data available.

Reproductive Toxicity: No data available.

Other Effects: None known.

12	ECOLOGICAL INFORMATION
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Ecotoxicity: The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Mobility: The product is insoluble in water and will sediment in water systems.

Persistence and Degradability: No data available.

Bioaccumulation Potential: No data available.

Other Adverse Effects: No data available.

13	DISPOSAL CONSIDERATIONS
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General Information: Dispose of waste and residues in accordance with local authority requirements. Do not discharge into rivers, lakes, mountains, etc. because the product may affect the environment.

Disposal Methods: Dispose of waste at a facility with special permission to dispose industrial wastes. Waste should be accompanied by a manifest for the industrial waste.

14	TRANSPORT INFORMATION
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ADR / RID Not regulated.

IMDG Not regulated.

IATA Not regulated.

15	REGULATORY INFORMATION
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PRTR and Promotion of Chemical Management Law: This product does not contain any designated chemical substances.

Industrial Safety and Health Law:

Article 57-2 Regulated Substance(s): No substances in this product require an MSDS under the ISHL.

Poisonous and Deleterious Substances Control Law: This product does not contain any poisonous or deleterious substances that exceed the declaration limits.

Fire Service Law: The product is not dangerous goods.

Waste Disposal and Public Cleaning Law: Law article 2, paragraph 4, Enforcement Order article 2-1 industrial waste.

16	OTHER INFORMATION
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GHS Classification - total sum of component(s) with unknown acute toxicity effects: 0 %

GHS Classification - total sum of component(s) with unknown environmental hazards: 0 %

Inventory Status: All ingredients are either listed or exempt from listing on ENCS or ISHL.

Issue Date: 06-Nov-2008

Supercedes Date:

MSDS No.: 1021112

Disclaimer: This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.