

MATERIAL SAFETY DATA SHEET

PANLITE® LN-1250G#, -1250J#

*; Represents 0 through 9. #; Material designation may be suffixed with any one or two letters.

Identify (Trade Name As Used On Label)

| | |
|---|--------------------------------|
| February 1, 2007 | Teijin Chemicals Ltd. |
| Date Prepared | Prepared By* |
| 951111-6N | 25971-63-5 |
| MSDS Number* | CAS Number* |
| Teijin Chemicals Ltd. | +81-3-3506-4717 (TOKYO) |
| Manufacturer | Phone Number (For Information) |
| 2-2, Uchisaiwaicho 1-chome, Chiyoda-ku, Tokyo 100-0011 Japan | +1-770-346-8949 (NORCROSS) |
| Address | Emergency Phone Number |

SECTION 1 – MATERIAL IDENTIFICATION AND INFORMATION

| COMPONENTS – Chemical Name & Common Names (Hazardous Components 1% or greater; Carcinogens 0.1% or greater) | %* | OSHA PEL | ACGIH TLV | Other Limits Recommended |
|--|-----|-------------|--------------|-----------------------------|
| Polycarbonate | >90 | Not Listed | Not Listed | |
| Brominated Flame Retardant | * | Not Listed | Not Listed | |
| TOTAL | 100 | | | |

SECTION 2 – PHYSICAL / CHEMICAL CHARACTERISTICS

| | | | |
|--|--------------------------------|---------------------------------------|----------------|
| Boiling Point | Not applicable | Specific Gravity (H ₂ O=1) | 1.22 |
| Vapor Pressure (mm Hg and Temperature) | Not applicable | Melting Point | Not applicable |
| Vapor Density (Air = 1) | Not applicable | Evaporation Rate (= 1) | Not applicable |
| Solubility in Water | Insoluble | Water Reactive | Not applicable |
| Appearance and Odor | Pellet of All color ; no odor. | | |

*Optional

SECTION 3 – FIRE AND EXPLOSION HAZARD DATA

| | | | | | |
|------------------------------------|--|---------------------------|---------|--|----------------|
| Flash Point and Method Used | >522 °C (ASTM D1929) | Auto-Ignition Temperature | >550 °C | Flammability Limits in Air % by Volume | Not applicable |
| Extinguisher Media | Dry chemical or water. | | | | |
| Special Fire Fighting Procedures | Burning pellets create a black, sooty smoke of uncertain hazard and composition. Wear appropriate respiratory protection for toxic and irritating gases and aerosols generated by thermal decomposition. | | | | |
| Unusual Fire and Explosion Hazards | There is no explosion hazard. Fire hazard is similar to that of other solid volatile organic materials. | | | | |

SECTION 4 – REACTIVITY HAZARD DATA

| | | |
|---|---|-------------------------|
| STABILITY (*)Stable ()Unstable | Conditions To Avoid | None specifically known |
| Incompatibility (Materials to Avoid) | None specific incompatibility | |
| Hazardous Decomposition Products | Gases generated by combustion are carbon monoxide and/or carbon dioxide | |
| HAZARDOUS POLYMERIZATION ()May Occur (*)Will Not Occur | Conditions To Avoid | None specifically known |

SECTION 5 – HEALTH HAZARD DATA

| | | | |
|---|--|---------------|--------------------------|
| Primary Routes of Entry | <input type="checkbox"/> Inhalation <input type="checkbox"/> Ingestion <input type="checkbox"/> Skin Absorption (*) Not Hazardous | | |
| Carcinogen Listed In | <input type="checkbox"/> NTP <input type="checkbox"/> OSHA <input type="checkbox"/> IARC Monograph (*) Not Listed | | |
| Health Hazards | Acute | Not available | Chronic Not available |
| Signs and Symptoms of Exposure | No effects observed or expected | | |
| Medical Conditions Generally Aggravated by Exposure | None known | | |

EMERGENCY FIRST AID PROCEDURES – Seek medical assistance for further treatment, observation and support if necessary.

Eye Contact Flush eyes thoroughly with clean, low pressure water.

Skin Contact Wash affected areas with soap and water.

Inhalation None

Ingestion None

* Optional

SECTION 6 – CONTROL AND PROTECTIVE MEASURES

| | |
|---|--|
| Respiratory Protection (Specify Type) | Not required |
| Protective Gloves | Insulated gloves |
| Eye Protection | Safety glasses with side shields |
| Ventilation To Be Used () Local Exhaust () Mechanical (general) () Special () Other (specify) | Not required Not required None None |
| Other Protective Clothing and Equipment | Not required |
| Hygienic Work Practices | Not required |

SECTION 7 – PRECAUTIONS FOR SAFE HANDLING AND USE / LEAK PROCEDURES

| | |
|---|--|
| Steps to be Taken If Material Is Spilled Or Released | Sweep up and place in a waste disposal container |
| Waste Disposal Methods | Disposal must be in accordance with national and local regulation for nonhazardous waste. |
| Precautions to be Taken in Handling and Storage | None |

Other Precautions and/or Special hazards

This material shall be used for molding purposes only. Processing of thermoplastic resins at temperatures commonly used in extrusion or injection molding may produce fumes which may be irritation to some individuals. The composition of the fumes is dependent on operating conditions, especially temperature and residence time; the specific formulation of the product being manufactured; surface area of the product being manufactured; equipment variables; and water content of the product formulation, among other characteristics. Overexposure in some individuals may produce irritation of the eyes, mucous membranes and upper respiratory tract. Well designed local exhaust ventilation should be used to capture these fumes and remove them from the workplace (see Section 6). Captured fumes and residues may be flammable and/or combustible, and ventilation systems must be designed, constructed, operated, and maintained to prevent fires and explosions. Wear protective clothing, including rubber gloves, to prevent skin contact during cleaning of the ventilation system.

* Optional

The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the product's properties.