

Material Safety Data Sheet

Issued on 5 September 2014

Section 1 : Product & Company Identification

Product Name: MR16/GU5.3 LED Lamp (Part # 97792)
 G25 LED Lamp (Part # 97802)
 PAR30 LED Lamp (Part # 98382)
 PAR20 LED Lamp (Part # 98384)
 PAR38 LED Lamp (Part # 98388)
 Candle LED Lamp (Part # 98392)
 PAR16/GU10 LED Lamp (Part # 98554)
 BR30 LED Lamp (Part # 98560)
 A19 LED Lamp (Part # 98782)
 A19 LED Lamp (Part # 98784)

Company : Mitsubishi Chemical Corporation
 LED Lighting Business Development Department
 Address : 3-20, Kandaogawamachi, Chiyoda-ku, Tokyo 101-0052, Japan

Section 2 : Composition/Information on Ingredients

Part	Materials
1. Print Circuit Board	Epoxy resin, Copper, Tin, Silver, Nickel
2. LED	Silicon, Copper, Epoxy resin
3. Controller	Silicon, Copper, Epoxy resin
4. Resister	Epoxy resin, Aluminum trioxide, Magnesium oxide, Silicon dioxide, Nickel, Chromium
5. Capacitor	Aluminum, Iron, Copper, Cellulose, Butyl, Ethylene Glycol, PET Zirconium oxide, Nickel, Copper
6. Connector	Copper, Iron
7. Lens	Polycarbonate
8. Potting Compound	Organopolysiloxane mixture, Zinc oxide
9. Bonding Adhesive	Silanol terminated polydimethylsiloxane, Aniline-methyl-triethoxysilane
10. Housing	Aluminum, Polycarbonate (Part# 98392, 98782, 98784) Aluminum (The Other Part#)

Section 3 : Hazards Identification

Hazard Classification : Not applicable
 Physical and Chemical Hazards: Not applicable

Section 4 : First-Aid Measures

Eye Contact : If something (broken piece or liquid leakage, etc. from the product) are in eyes, flush eyes with running clean water for at least 15 minutes.
 Get medical attention.

Skin Contact : Remove something (broken piece or liquid leakage, etc. from the product)

	from skin with dry cloth or towel.
	Wash exposed area with running clean water for at least 15 minutes.
Ingestion	Wash mouth by clean water. Get medical attention.
Inhalation	Move the exposed person to fresh air at once.

Section 5 : Fire Fighting Measures

Fire Fighting Media and instruction	Water , Foam , Powder Fire fighters should wear proper protective equipment. Remove inflammable materials near fire immediately.
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Section 6 : Accident Release Measures

Not applicable

Section 7 : Handling and Storage

Don't touch the lamp during lighting-up and just after turned off, because it is hot.
Apply the lamp to the socket correctly to prevent from dropping of the lamp from the socket.

Section 8 : Exposure Controls , Personal Protection

Engineering Controls: Not especially
Personal Protection: Not required
Exposure Limits: Not available

Section 9 : Physical and Chemical Properties

Physical State and Appearance: Solid
Odor : No odor
Boiling Point : Not available
Melting Point : Not available
Critical Temperature : Not available
Flash Point : Not available
Vapor Pressure : Not available
Volatility : Not available
Solubility : Insoluble in water

Section 10 : Stability and Reactivity

Stability and Reactivity : The product is Stable
Conditions of Instability : Not available
Incompatibility : Not available

Section 11 : Toxicological Information

Toxicity Data : Not available
Carcinogenic Effects : Not available

Section 12 : Ecological Information

No data available

Section 13 : Disposal Considerations

Disposal must be in accordance with applicable federal, state and local law and regulations in the country used.

Section 14 : Transport Information

Common : Avoid high temperature and humidity.

Section 15. Regulatory Information

Not applicable

Section 16. Other Information

Notice to Reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

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