



Material Safety Data Sheet

Cast Nylon Products of ZL engineering plastics, inc.

1. Product and Company

ZL Products:	ZL™ 1100 Type 6 Nylon – Natural ZL™ 1100 Blue Type 6 Nylon – Blue	ZL™ 1100 Blk Type 6 Nylon – Black ZL™ 1100 MO Type 6 Nylon – MoS ₂ added
Manufacturer:	Licharz GmbH Industriepark Nord D-53567 Buchholz Germany	Tel: ++49 2683 977 0 Fax: ++49 2683 977 111 E-mail: info@licharz.de Website: www.licharz.com

2. Composition / Information on Ingredients

Stock shapes manufactured of Cast Polyamide from Caprolactam (Monomer content:<3%), possibly containing stabilizing agents, pigments, fillers, and additives.

CAS – number: Not required.

3. Possible Hazards

None known.

4. First Aid Measures

General Information: After inhalation of vapors from burning or thermal degradation of the product, get fresh air and warmth. If necessary, call a doctor. In case of loss of consciousness, keep and transport in a stable position on their side. Possible complaints: Irritation of mucous membranes (nose, eyes), coughing, teary eyes. In case of breathing difficulty (strong, sustained coughing): Keep the upper body in a half sitting position and call a doctor.

Burns caused by molten material require hospital treatment.

5. Fire Fighting Measures

Suitable extinguishing agents: Water spray, foam, dry extinguishing agents, carbon dioxide.

Additional Information: The product melts / ignites when in contact with flame and continues to burn outside of the ignition point. In the event of a fire, carbon dioxide, carbon monoxide and monomers could be released. The development of further fissile or oxidation by-products is dependent on the circumstances. There is a danger of an expansion of the fire due to spontaneous combustion of the vapors. Remnants of the fire and contaminated extinguishing agents should be discarded according to local rules.

Necessary Protective Gear: Use breathing protection with independent air circulation during fire fighting.

6. Measures in case of Accidental Release

None.

7. Handling and Storage

Handling: Minimize overheating during machining processes or install suitable vacuum or aeration equipment. Minimize inhalation of vapors.

Storage: Protect from acids, alkali solutions or acid/alkali solution producing products and oxidizing agents. Follow the proper guidelines to protect from fire.

Special information: Unlimited storage possible.

