EU - MATERIAL SAFETY DATA SHEET per RL 91/155/EWG

as of: 19.08.2006



PA 66

1. Material- / Preparation- und Company Information

Trade Name PA 66

Manufacturer's information Licharz GmbH Tel.: ++49 / (0) 26 83 / 9 77 -0

Industriepark Nord Fax.: ++49 / (0) 26 83 / 9 77 -111

D-53567 Buchholz Mail: info@licharz.de

2. Composition / Information about components

Chemical description Polyamide, stabilisers, additives, as requested pigment and fillers

CAS - Number not required

3. Possible dangers

Possible dangers none known

4. First aid measures

General Information After inhalation of vapours 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. Call a doctor.

Burns from melted material must be clinically handled.

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 dependant on the circumstances. There is a danger of an expansion of the fire

due to spontaneous combustion of the vapours.

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

Protective measures not necessary

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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 indefinite storage time

8. Exposure limits

Personal protective gear not necessary

Workplace related limits: When machining, take into account:

fine dust

MAK: 0,6 mg/m³ (Germany)

9. Physical and chemical properties

Appearance

Form solid, as semi-finished (plate, rod, tube) or finished part

Colour nature, black

Smell odourless

Changes of state

Melting point / range 217 - 221°C

Flash point approx. 400 °C

Ignition point approx. 450 °C

Density 1,14 g/cm³

10. Stability and Reactivity

Thermal decay begins at approx. 350°C

Dangerous by-products of decay carbon monoxide, carbon dioxide, traces of hydrogen cyanide

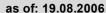
possible, monomer components

11. Toxilogical specifications

Toxic effects During years of experience in the production and application of the

product, no health related impairments have been observed.

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12. Information on ecological / ecotoxic effects

Effects on the environment non-toxic, biologically not degradable and non-soluble solid without

known detrimental effects on the environment

13. Information for disposal

Waste code for unused

material (per EU-waste catalogue) 20 01 06

Waste description other plastic

Information for disposal Sorted and clean material can be recycled or disposed of, according

to local regulations, with household waste or in an incinerator.

14. Information about transportation

Category of hazardous substance not a hazardous substance according to transportation regulations

15. Rules

Identification per. GefStoffV/EG identification not required

Water hazard class per VwVwS not a water hazard (Code-Nr.: 766)

16. Special Information

These details describe exclusively the safety requirements of the product(s) and are based on the current level of technology. They do not represent a guarantee of the described product(s) in the terms of the warranty laws. The information container herein does not a bsolve the user from knowing and following proper work related rules and special laws, directives and agreements. The recipient and/or user of our products takes responsibility for this.